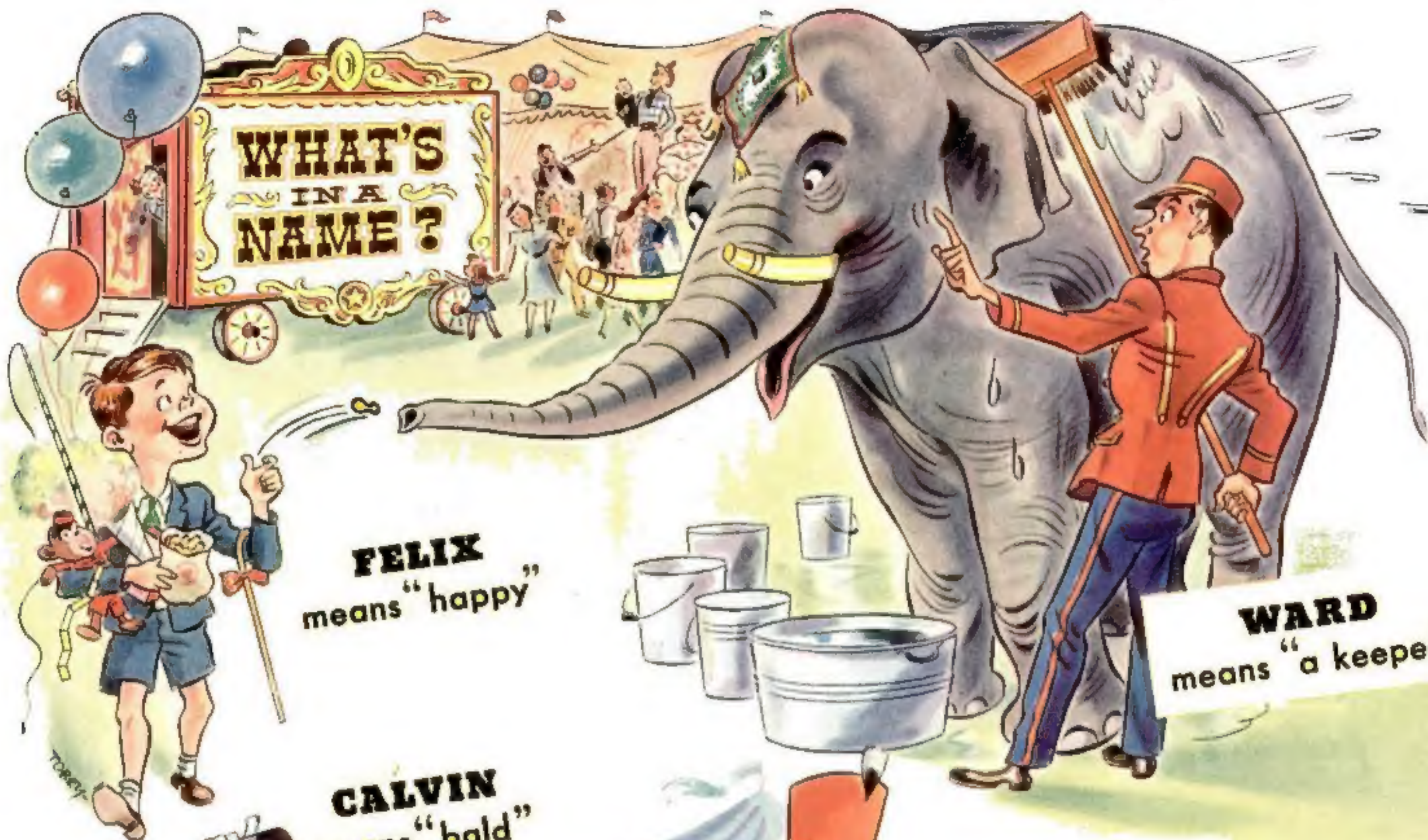


LIFE

A black and white photograph of a woman standing on a white ledge. She is wearing a light-colored dress with a dark checkered pattern and a matching wide-brimmed hat adorned with dark flowers. She holds a large, open umbrella with a dark grid pattern over her head. She is looking upwards and to the left. The background is a blurred outdoor setting with trees and a building.

SPRING MATCH

MAY 3, 1943 **10** CENTS
YEARLY SUBSCRIPTION \$4.50



FELIX
means "happy"

WARD
means "a keeper"

CALVIN
means "bald"



LEONARD
means "a lion"



ETHYL
is a trade mark name

CHARLES
means
"great strength"



It stands for antiknock fluid made only by the Ethyl Corporation. Oil companies put Ethyl fluid into gasoline to prevent knocking.

The Ethyl trade mark emblem on a gasoline pump means that Ethyl fluid has been put into high quality gasoline and the gasoline sold from that pump can be called "Ethyl."

WHAT DOES YOUR NAME MEAN?

The meanings and origins of over 900 masculine and feminine names are given in the fascinating illustrated booklet, "What's in a Name?" It's free, no obligation, just mail postal card.



COPYRIGHT 1943, ETHYL CORPORATION

SEND PENNY POSTAL CARD FOR FREE BOOK OF NAMES . . . Write to ETHYL CORPORATION, Chrysler Building, New York, N. Y.

First the Seed
And then the Flowering.
True to small Tasks Today,
Training for the larger duties of Tomorrow.



And we see her then, Strong and Sympathetic
and Smiling—with a Smile that owes much
to her Lifelong use of Ipana and Massage!

BE CONFIDENT, American child! For your future as for your garden you may well harbor high hopes and happy expectations. Yes, you and your generation can look to the days to come with confidence and courage.

For your teachers and your parents are giving you every advantage of health and education—to prepare you to face the future . . . strong, resolute and smiling.

Yes, *smiling*. For even the smiles of America's children have the best care these days. Right in the classroom, thousands of boys and girls are being taught a lesson that many parents have yet to learn—the importance of firm, healthy gums to bright teeth and sparkling smiles.

These young Americans know that today's soft foods rob our gums of work and stimulation. They know why gums tend to become soft, tender . . . often signal their sensitiveness with a warning tinge of "pink" on the tooth brush!

Never Ignore "Pink Tooth Brush"

If you see "pink" on your tooth brush . . . see your dentist. He may simply say your gums have become tender because of today's soft foods. And, like many modern dentists, he may suggest "the helpful stimulation of Ipana and massage."

For Ipana Tooth Paste is designed not only to clean the teeth thoroughly but, with massage, to aid the health of the gums. Massage a little Ipana

onto your gums when you brush your teeth. Circulation quickens in the gums—helps them to healthier firmness. Let Ipana and massage help you to brighter teeth, firmer gums, a more sparkling smile!



Ipana Tooth Paste

Product of Bristol-Myers

This One



23GD-XYE-QKNG

WHY CUT 'EM OFF?...

Pro-phy-lac-tic won't buy 'em!



For years hog bristle made the best tooth brushes... then along came round-end **PROLON**



Bonded Pro-phy-lac-tic

WITH PROLON BRISTLES
A PRODUCT OF DUPONT CHEMISTRY

Next time you buy a tooth brush, keep this in mind: Years of laboratory research have produced amazing new synthetic bristles... better, longer-lasting than natural bristle.

And among the new synthetic tooth brush bristles being marketed under various trade names, far and away the best are those made by duPont.

PROLON—no finer bristle made

"Prolon" is our name for the very finest grade of this synthetic bristle that duPont makes. So, when you read or hear competitive tooth brush claims, ask yourself this: How can the same duPont bristle, in another brush under another name, last longer or clean better than under the name "Prolon" in a Pro-phy-lac-tic Tooth Brush? You know

the answer...it can't!

Pro-phy-lac-tic's big plus is that Prolon is the only synthetic bristle that is rounded at the ends.

Yes, under a special patented process, exclusive with Pro-phy-lac-tic, we smooth and round the end of each and every Prolon bristle in the Bonded Pro-phy-lac-tic Tooth Brush. See for yourself how much gentler these round ends are on tender gums!

Only PROLON has "round ends"

Remember, no other tooth brush has this important feature. So, next time you buy a tooth brush get the best you can buy for your money... get the Bonded Pro-phy-lac-tic Tooth Brush—the only tooth brush, by the way, with a written six-month guarantee.

... and don't miss this new line of hair brushes in gleaming Jewelite!

Pro-phy-lac-tic's latest triumph! Dresser sets and toilet brushes in crystal-clear plastic. Choice of four gleaming, jewel colors. Transparent Jewelite backs. Moisture-resistant, snow-white Prolon bristles. \$1.50 to \$10.00—at most brush-goods counters. Illustrated: Roll-Wave, a unique "curved-to-the-head" brush... with comb, \$4.50



PRO-PHY-LAC-TIC BRUSH CO., Florence, Mass.

LETTERS TO THE EDITORS

TUNISIAN PICTURE

Sirs:

I have read with interest your speculations on the Tunisian battle picture which appears in the April 12 issue of LIFE, showing two jeeps and a half-track ostensibly under enemy dive-bombing attack, while a wounded man is attended in the foreground.

I am amazed at your indecision concerning its authenticity. *Yank*, the Army weekly, captioned the picture correctly: "In back of the front lines in Tunisia, an American patrol trains for the real thing. In this training photo, 'enemy' bombs, represented by land mines, are exploding close to the half-track and amphibious jeep at left and the amphibious jeep at right. In the foreground, a 'wounded' soldier is treated by two Medical Corps men. In the center, two kneeling soldiers, and two others prone, fire at the 'fox.'"

SGT. FRANK W. MILLER
Army Medical Center
Washington, D. C.

As soon as LIFE's editors saw the Tunisian picture, they questioned its authenticity. The picture had been taken by an Associated Press photographer, passed by the War Department and published as a real battle scene by daily newspapers. As a result of questions raised by LIFE, the Associated Press started an investigation of the picture but when the April 12 issue went to press LIFE's suspicions had not yet been confirmed. Therefore LIFE simply pointed out certain things in the picture which did not look like battle conditions.

Before LIFE's issue appeared, a message from General Eisenhower's headquarters stated that the picture

Sirs:

I would be glad to send Mr. Pidgeon a razor blade if you will send me his address.

ROBERT MITCH

Birmingham, Mich.



PIDGEON (LEFT) WITH BEARD

Mr. Pidgeon, who is normally flawlessly groomed, was preparing to play the role of bearded Scientist Pierre Curie in a Hollywood production. Miss Garson understood because she is to play opposite him as Madame Curie.—ED.

THOMAS JEFFERSON

Sirs:

Your recent coverage on Thomas Jefferson (LIFE, April 12) was indeed commendable. It might interest your readers to know that, in addition to being an architect, inventor, sociologist, geologist, politician, etc., Thomas Jefferson was also author of *The Jeffersonian Bible*.

LIEUT. HARRY L. YOUNG JR.
Army Air Force Bombardier School
Big Spring, Texas



TRAINING SCENE IN TUNISIA

had been made in a training, not a combat, area. The Associated Press repudiated the picture and suspended the photographer who took it.

Yank went to press after these events, hence could label the picture as a training scene.—ED.

PIDGEON'S BEARD

Sirs:

In your article on Greer Garson in the April 12 issue of LIFE you have a picture showing her seated between Walter Pidgeon and Ronald Colman. Mr. Pidgeon looks like he needs a shave. An actor must have pretty small regard for Hollywood convention to appear at an Academy Award Dinner without shaving.

ROBERT REINHART
Columbus, Ohio

Sirs:

Referring to Thomas Jefferson's father you say he "could lift a hoghead of tobacco with one hand." Superman!

Ever see a hoghead? Or a picture of one? A hoghead of tobacco weighs 750 to 1,200 lb. and the circumference of the hoghead is in excess of 12 feet.

M. P. PLUNKETT
Greensboro, N. C.

Sirs:

In your last issue of LIFE you credited T. Jefferson with much but endowed his father Peter with even more in stating that he could lift a hoghead of tobacco with one hand. The original phrase "raise (not lift) a hoghead of tobacco with one hand" meant to grow a hoghead of tobacco with one farm hand.

J. WILLCOX DUNN
Virginia Beach, Va.

(continued on p. 4)



We Borrowed Their "Nylons" to Make Tires for the Navy

A typical example of B. F. Goodrich leadership in tires

THINGS are happening in the rubber industry.

New ideas are being born which conserve rubber today—and will save you money tomorrow.

In the B. F. Goodrich laboratories they're trying out dozens and dozens of new methods of tire construction. For example, tires are being built with Nylon cord—as well as of cotton or rayon. Nylon has such great strength that it is possible to build tires with less rubber. Passenger car tires built with only two Nylon plies ran far longer than four-ply conventional type tires when tested for ply separation and overload!

And bruise resistance is so great in airplane tires made with Nylon cord that both the Army and Navy have placed orders for this new type tire that saves weight and makes landings safer. B. F. Goodrich was the first company to make

and deliver such tires to the U. S. Navy:

So the Nylon your wife is *not* getting in the form of hose is going to war. Some of it is being used in experimental work that may save thousands of tons of rubber. Perhaps one day you may be able to buy B. F. Goodrich Silvertowns for trucks with eight plies instead of twelve, that with weight reduced considerably will run cooler at high speeds—all because of today's war-time developments. *Maybe*, we say. For there are still many problems to be solved.

We do know that when this war is over B. F. Goodrich will offer you far better

tires than ever built before Pearl Harbor. Whether they are built with Nylon, rayon, or cotton cord, with crude or synthetic rubber, B. F. Goodrich will be *first* with the new mileage-saving, money-saving developments. In peace as in war, B. F. Goodrich will be "First in Rubber".



"Here's my own private slant on stocking worries"

says
JEAN PARKER
starring in "High Explosive"
a Paramount Picture

"A movie camera's a mean critic to dress for. But, thank goodness, there are stockings that really fill the bill—Cannon Rayons! Wait and see if Cannon's gorgeous Rayons won't open your eyes! Slim-fitting! Sheer as you please! And they sure do wear, if you baby 'em the way you should."



"You'll be daft about Cannon's swell Cottons, too!"

"They're exactly right with the casual clothes we wear every day in Hollywood. Soft as a cloud! Wonderfully practical, too! And they come in nice, gentle colors to team with sweater 'n skirt outfits."

"What's more, Cannon Cottons wash like a dream. But please—no ironing!"



"Rayon Stockings WON'T take to water like ducks... so be careful!"

"Might as well admit it, all Rayon Stockings are weaker in water. You may snap the threads when washing them. So... follow washing directions to the letter. And make yourself a solemn promise never, never to put on your Rayons till they've had AT LEAST 36 HOURS TO DRY!"



**Cannon
Hosiery**
HI-TWIST RAYON
SHEER COTTON LISLE

Made by the makers of Cannon Towels and Sheets

CANNON MILLS, INC., 70 WORTH STREET, NEW YORK, N. Y.

LETTERS TO THE EDITORS (continued)

Sirs:

I am not a Jefferson specialist but I am afraid that you were wrong when you showed us a revolving chair and stated that Thomas Jefferson had written the Declaration of Independence in such a chair. The Declaration of Independence was a brilliant piece of compilation and for a compilation one needs a fairly large table which provides ample room for scissors, pots of paste and all sorts of documents.

HENDRIK WILLEM VAN LOON
Old Greenwich, Conn.

Sirs:

You state that Jefferson wrote the Declaration of Independence on the revolving chair which he invented. As a matter of fact, Jefferson realized the historic importance of the document he was about to write and designed a portable writing desk, which he had made for this purpose. He even wrote a letter naming this the desk on which the Declaration was written, and pasted it into the lid. Years later he presented the desk to his son-in-law, Joseph Coolidge of Boston. Coolidge's descendants in turn presented it to the Library of Congress where it is now preserved.

MRS. TERRY KUPER GRAY
New York, N. Y.

●LIFE did not state that Jefferson composed the entire Declaration of Independence in his revolving chair. It is doubtful that such a monumental work could have been composed at any one place or time.—ED.

Sirs:

LIFE's Jefferson story is superb. I agree that architecturally the Memorial is a gem. But Jefferson believed that beauty derived only from useful function. He would not have approved a mass of marble. More fitting to him, whose credo was "to the living belongs the earth," would have been a "living memorial," three examples of which he cited in his epitaph.

To honor fittingly those who now die for ideals made articulate by Jefferson, there should be fewer marble shafts. Instead, how much more symbolic of their belief in life, in liberty, in the right to pursue happiness would be dedications of playgrounds, community buildings, swimming pools, libraries or amphitheaters.

ARTHUR H. JONES
Charlotte, N. C.

Sirs:

You may be interested to know that not all monuments to the memory of Thomas Jefferson are on the eastern seaboard.

The original tombstone that Thomas Jefferson designed for himself now stands on the campus of the University of Missouri. When Congress appropriated funds for a new monument to Jefferson at Monticello, this marker was presented to the university by his living descendants. It was unveiled June 4, 1885.

From the time of the Louisiana Purchase, Missourians have honored Jefferson in many ways. On a rugged bluff in the wilderness rose the capital of the new State of Missouri, the "City of Jefferson," now Jefferson City.

The biggest monument of all to Jefferson in Missouri, and probably the biggest memorial ever erected to man will be the Jefferson National Expansion Memorial now being built on the St. Louis waterfront.

These monuments and memorials bear witness to the tribute that Missouri has paid to Thomas Jefferson. But the most lasting memorial to him is the pride of Missourians in the statesman whose thought was not bounded either by the Mississippi or by any other narrow limitation. As a yearly reminder of the author of the Declaration of Independence, the Missouri legislature in 1931 made his birthday, April 13, a legal holiday in the State.

FLOYD C. SHOEMAKER
State Historical Society of Missouri
Columbia, Mo.

(continued on p. 6)

A FEW OF THEM GO FAR
when you purchase

Brassieres by
Maiden Form



\$1.00, \$1.25
\$1.50 and up
AT ALL
LEADING
STORES

Now, when it is important to buy as little as you can, in quantity—you must make sure you get the most, in quality. That means, on brassieres, always look for Maiden Form's label—your assurance of long and satisfactory service, as well as of lovely, fashionably correct bosom contours.



Shown are "Intimo" (above) and "Over-Ture" Long-Line (left)—only two of many styles from which to choose. Send for free Foundation Style Booklet to: Maiden Form Brassiere Company, Inc., New York, New York.

DO YOUR SHARE, BUY U. S. WAR BONDS

"There is a Maiden Form for Every Type of Figure!"

"NESBITT'S IS MY
FAVORITE DRINK.
IT'S DELICIOUS...
IT'S GOOD FOR YOU."



DRINK
Nesbitt's
CALIFORNIA
ORANGE

5¢

**Your CHEVROLET Dealer
Serves YOU and the U.S.A.**



**He helps to
keep your car
or truck serving
for Victory by
giving skilled,
dependable
service**

**He helps
to "Save the
Wheels that
Serve America"
by specializing
in car and truck
conservation**

★ ★ ★ BUY U. S. WAR BONDS AND STAMPS ★ ★ ★

See Him for SERVICE Today On

★ ★ ★ *All Makes of Cars and Trucks* ★ ★ ★

CHEVROLET MOTOR DIVISION, General Motors Corporation, DETROIT, MICHIGAN

A WALL FLOWER....BECAUSE OF DRY SCALP?



5 DROPS A DAY CAN CHECK IT....



MAKE YOUR HAIR HEALTHY-LOOKING, HANDSOME



DO THIS TODAY: Every morning when you comb your hair shake a few drops of 'Vaseline' Hair Tonic on your comb or rub it directly on your scalp. A snap... yet it keeps your hair well-groomed throughout the day... and it checks Dry Scalp and loose dandruff too, by supplementing the natural scalp oils! As an extra aid, before every shampoo, massage your scalp vigorously with plenty of 'Vaseline' Hair Tonic... and rub a little on afterwards. The fact is... for double care, both scalp and hair, there's nothing like 'Vaseline' Hair Tonic. You see, it's different because it contains no drying ingredients.

Vaseline HAIR TONIC 40¢ and 70¢

REG. U. S. PAT. OFF.

LETTERS TO THE EDITORS (continued)

CHERRY TREES

Sirs:

I notice that your cover picture of the new Jefferson Memorial is fringed with a few branches of Washington's famous Japanese cherry trees. When



CHERRY TREES BEFORE & AFTER

your picture was taken the trees were not yet in bloom. Today they are, as the enclosed picture which I took of the Memorial will show.

ED CLARK

Washington, D. C.

Sirs:

In your paragraph on LIFE's cover of April 12 there is mention of the Japanese cherry trees. This name seems to be taboo, especially among loyal Washingtonians, who call them Korean cherry trees. The claim is that Japan originally obtained the trees from Korea, not Japan.

I think "Korean" has a more pleasing sound, don't you?

MRS. C. H. FORTIER JR.
Pittsburgh, Pa.

● Far more pleasing.—ED.

LEA AS BOND SALESMAN

Sirs:

LIFE readers who are following the work of your artist, Tom Lea, may be interested to know of his outstanding contribution to the success of the Sec-



LEA (LEFT) AND PAINTING

ond War Loan Drive in his home town, El Paso

The highlight of the War Loan Jam-boree was the auctioning of one of Lea's pictures to the buyer of the most bonds. The picture was the final model of the mural, *Pass of the North*, for the Federal Court House in El Paso. The winning bid, by the El Paso Electric Company through its president, E. H. Will, was \$275,000.

KARL O. WYLER

El Paso, Texas

OUR TRADE MARK
WINDBREAKER
REG. U.S. PAT. OFF.

BUY WAR BONDS

America's Most Famous Name in Jackets

ALSO MADE FOR YOUTH & JUVENILES

A MASTERPIECE OF CRAFTSMANSHIP
WHITMAN SHOWER-PROOF GABARDINE

FULL LINED WITH BRYBRO RAYON
OTHER STYLES, COLORS and LININGS

AT LEADING STORES... OR WRITE
JOHN RISSMAN & SON
MANUFACTURERS • CHICAGO

GONE TO WAR

New Departure
COASTER BRAKE
FOR BICYCLES



Between Two Ten-Thousandths and the High, Blue Heavens

ARMY and Navy blueprints are hard masters.

When they say "Tolerance, .0002," they mean two ten-thousandths of an inch, and not a whisper more.

So the work that goes into these Buick-built Pratt & Whitney aircraft engines—engines powering Liberator bombers *now*—must be right and fine to the last suspicion of an inch.

But that isn't the only driving force that keeps Buick men and Buick

work on the button.

These men know what a little thing means.

They've seen their engine get the maximum working altitude out of the sheer exactness of its parts and assembly.

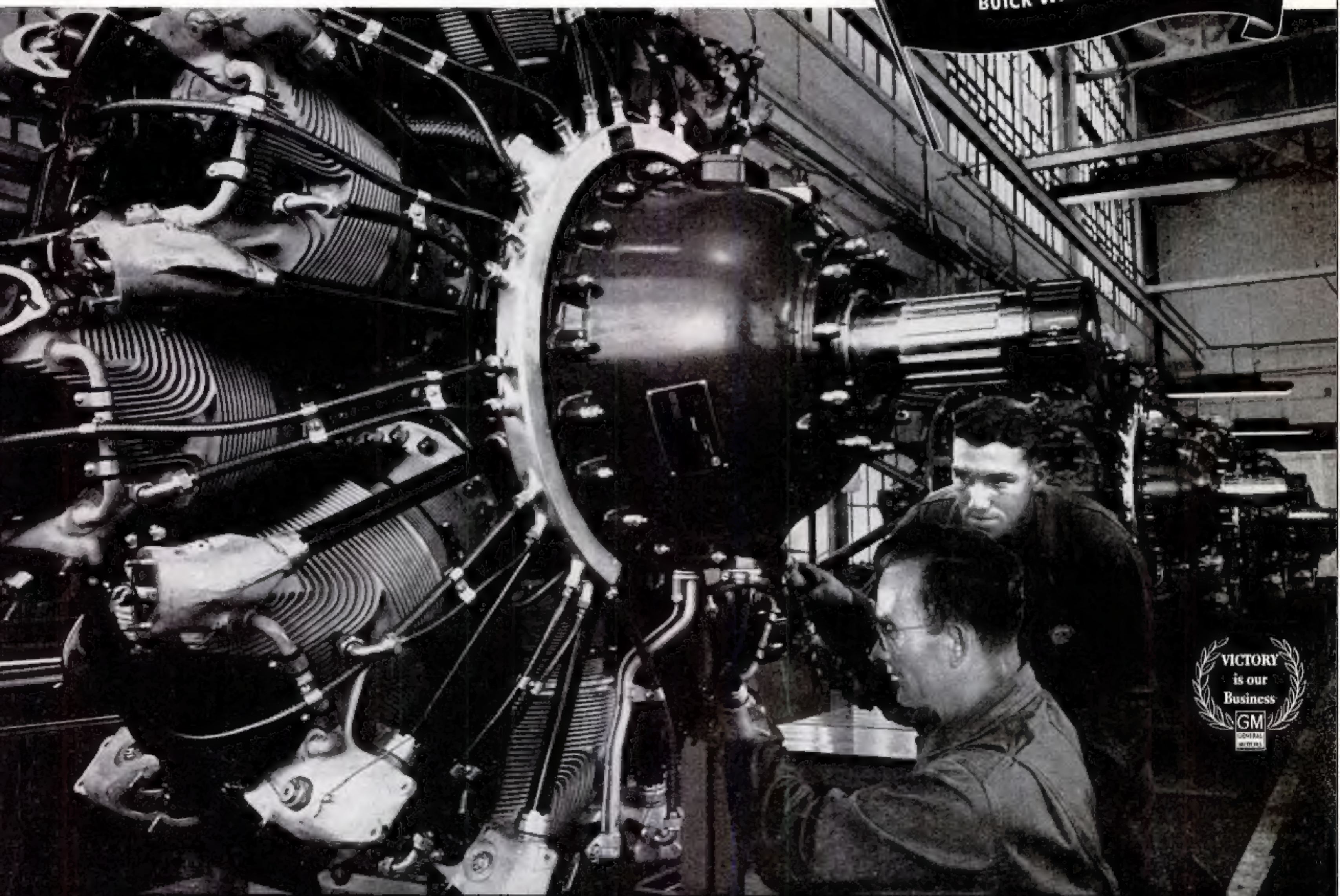
They know without being told that the success of a mission or the safe return of a bomber's crew may depend on the faultless functioning of some small part in the thin, cold air of the high, blue heavens.

So they work, these men, between the rigid, written demands of blueprints, and the even more inflexible rulings of their own consciences.

The country, its fighting men, and some 4,500-odd former workmates now in uniform, look to them to be good at their jobs.

We're proud of just how good they are.

war goods
WHEN BETTER AUTOMOBILES ARE BUILT
BUICK WILL BUILD THEM



BETTER BUY BONDS
Let your dollars
lend a hand

BUICK DIVISION OF GENERAL MOTORS

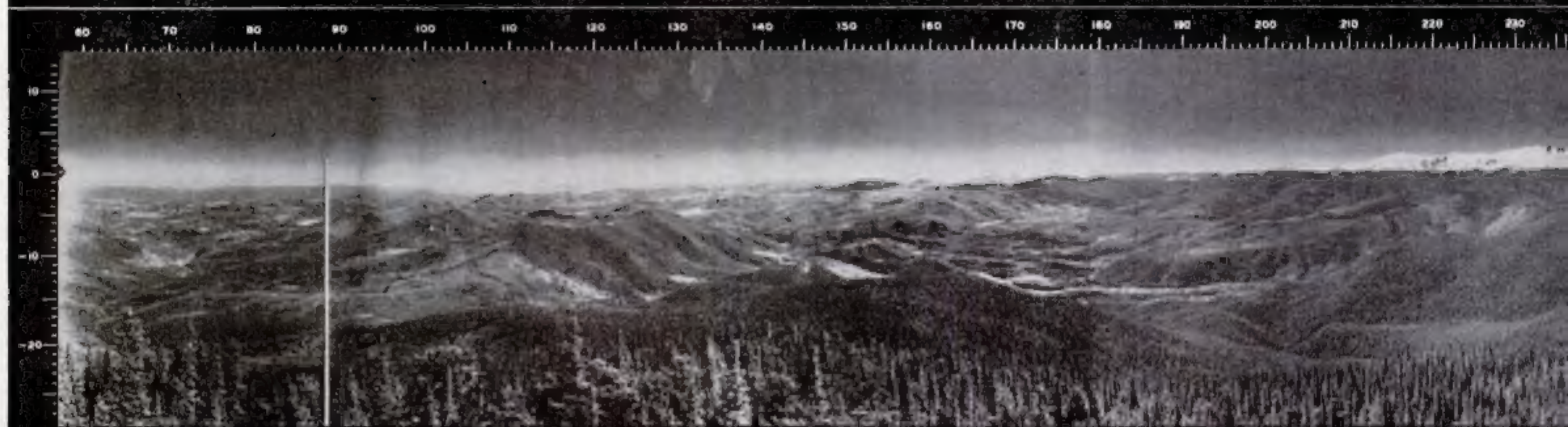
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SPEAKING OF PICTURES . . .

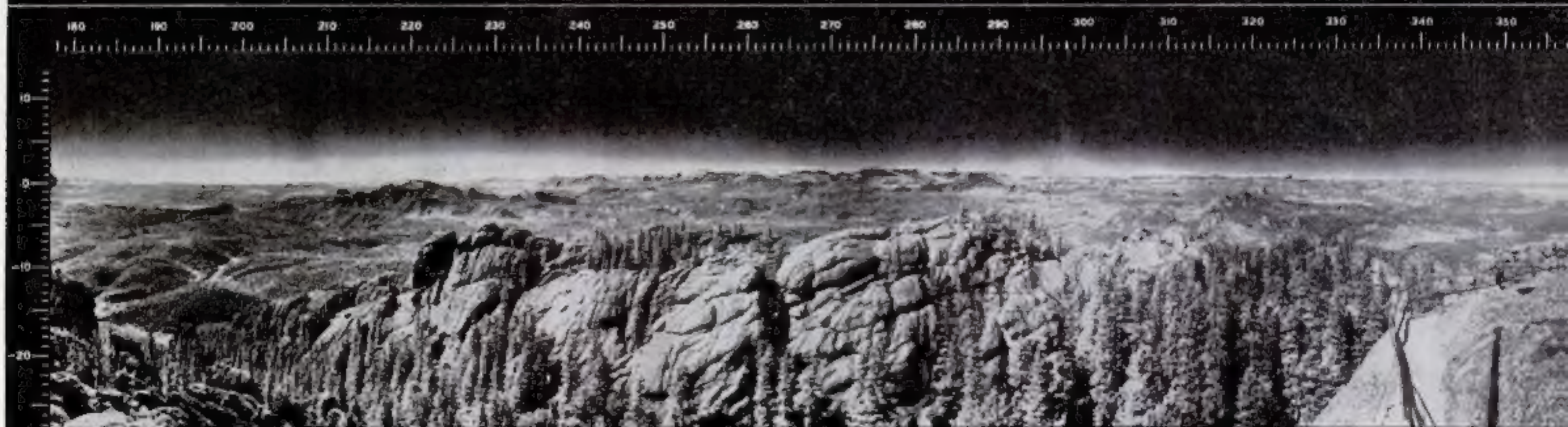
. . . PANORAMA PHOTOGRAPHS HELP LOCATE FOREST FIRES



FROM MOUNT EVANS LOOKOUT TOWER CITY OF DENVER SPRAWLS ON PLAIN BETWEEN 70° AND 90° ON AZIMUTHAL SCALE, AT -3° ON VERTICAL SCALE. IN PICTURE CITY IS



FROM SQUAW MOUNTAIN TOWER, SNOW-CLAD MOUNT EVANS, FROM WHICH THE TOP PHOTOGRAPH WAS TAKEN, CAN BE CLEARLY SEEN AT 232° AZIMUTH AND 2° 50' VERTICAL.



FROM DEVIL'S HEAD LOOKOUT STATION, MT. EVANS, FROM WHICH PICTURE AT TOP WAS TAKEN, IS A TINY SNOWCAP 38 MILES AWAY AT 308° AZIMUTH AND 1° VERTICAL. SQUAW



TENSLEEP LAKE, IN WYOMING'S BIGHORN NATIONAL FOREST, IS BACKED UP BY DAM WHICH CAN BE SEEN AT THE LEFT

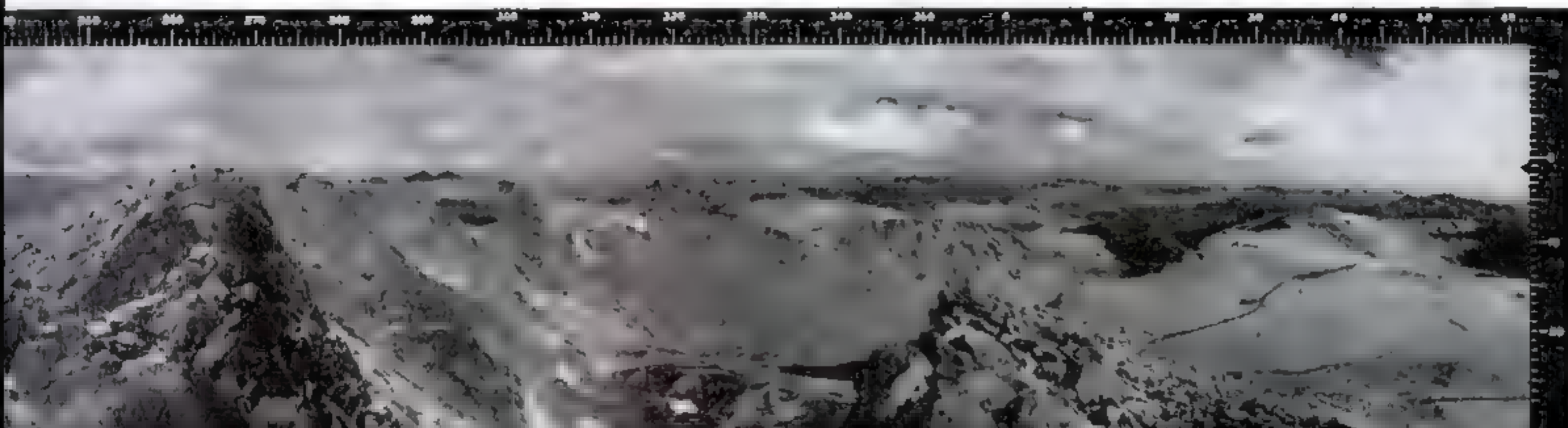
TRIANGULATION PEAK, HIDDEN AWAY IN OREGON'S

These panorama photographs show the western U. S. landscape as it is seen by fire spotters of the Forest Service from the vantage of their lookout towers. They were taken with a special camera designed by Forest Service Photographer W. B. Osborne. Marked off with a horizontal compass scale and a ver-

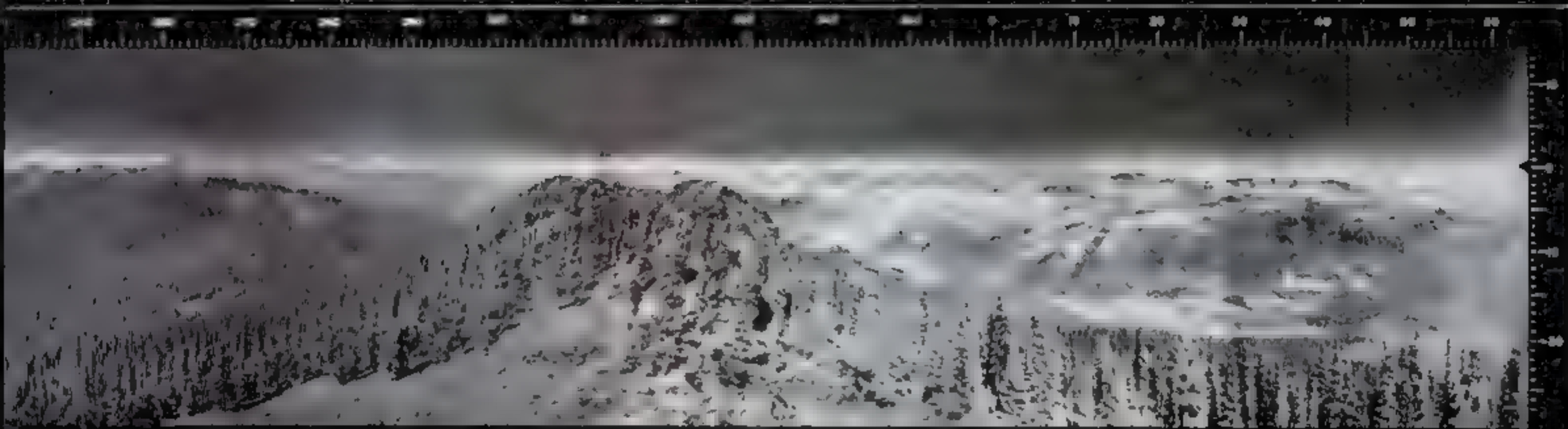
tical scale, they embody a new system for locating forest fires and directing fire fighters to the scene.

The top three pictures present the full 360° circles of landscape surveyed from three lookout stations in the Rocky Mountains near Denver, Colo. From each of the three stations the other two stations and city

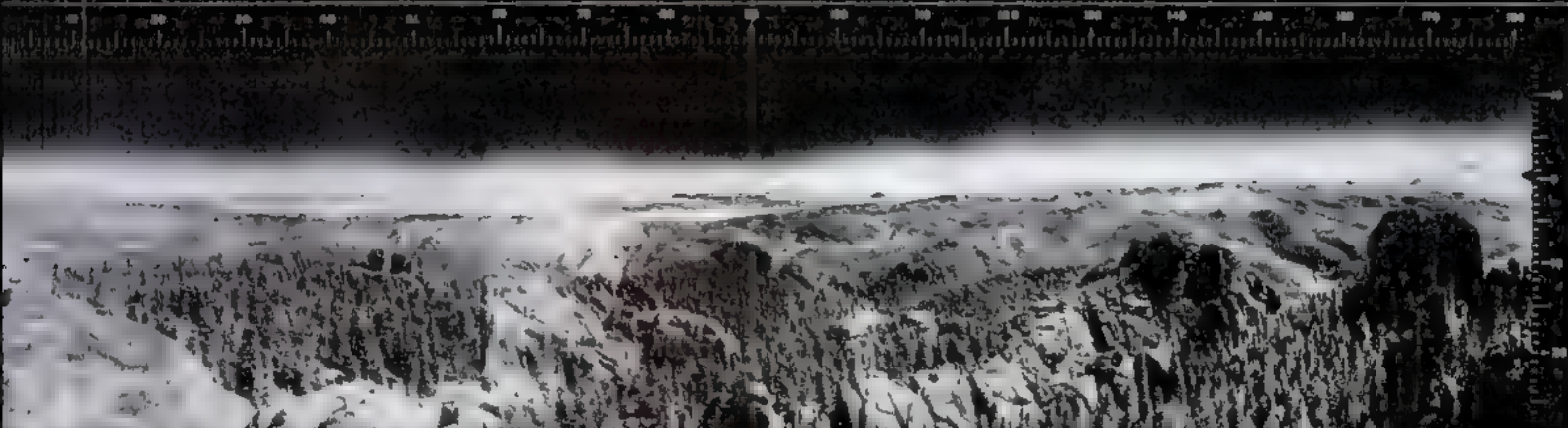
of Denver can be located by marking their positions on the compass (azimuth) and vertical scales of the picture. A fire can be similarly spotted in any one of the pictures by marking its position on the scales. The three 120° panoramas at bottom show some of the remote and splendid wilderness in Wyoming and Oregon



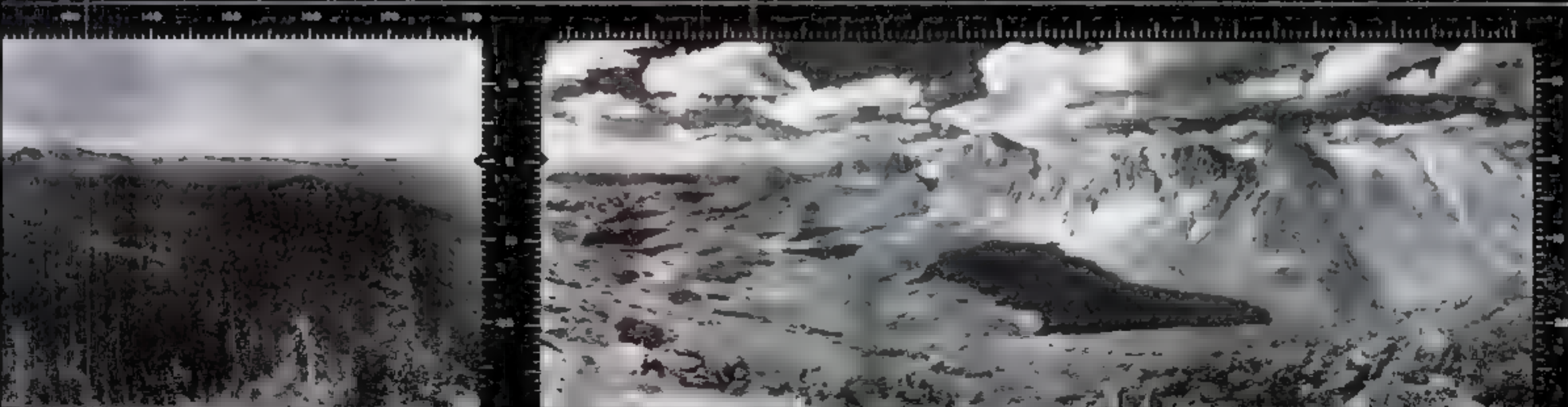
OBSCURED BY HAZE. SQUAW MOUNTAIN, SEVEN MILES AWAY AT 10° AZIMUTH AND —5° VERTICAL, CAN BE CLEARLY SEEN. DEVIL'S HEAD IS AT 130° AZIMUTH AND —5° 30' VERTICAL.



SCALE. DEVIL'S HEAD IS TINY POINT, 37 MILES AWAY, AT 145° AZIMUTH AND —5° 30' VERTICAL SCALE. DENVER, AGAIN OBSCURED BY SMOKE, LIES BETWEEN 10° AND 15° AZIMUTH.



MT. ABOUT 27 MILES AWAY, IS AT 120° AZIMUTH AND 20° VERTICAL SCALE. DENVER IS THE BLACK PATCH ON THE PLAINS AT 0° TO 15° AZIMUTH AND —5° VERTICAL SCALE.



WILLAMETTE NATIONAL FOREST, REARS UP IN CENTER

TRAILS HAVE CREATED LAKES AT FOOT OF BARREN SNOWY RANGE IN WYOMING'S MEDICINE BOW NATIONAL FOREST



This year remember them well!

There will be more tears at graduation this year...

For the boys and girls who are standing there so young and proud have a big job ahead... the job of making this world a decent place in which to live.

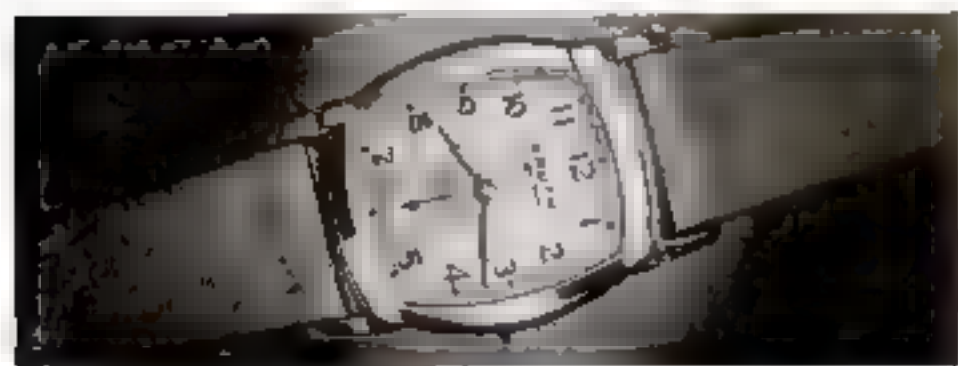
At this time, you'll want to show them the love, the pride, the deep feelings you hold for them. And what better gift could you find to say these things that need saying than a truly fine watch?

May we suggest that you choose a Gruen... the watch whose faithful accuracy is the heritage of nearly 70 years of skilled craftsmanship.

Although we at Gruen are manufacturing only such quantities of watches as will not interfere with our aid to our Government... there are still many handsome new models to select from. The watches shown here are only two of the many models available. Why not see them all today at your Gruen Jeweler?

* * * *

Gruen watches at Gruen jewelers only, from \$24.75 to \$250; with precious stones to \$4000. Prices include federal tax. Write for free folder "D." The Gruen Watch Company, Time Hill, Cincinnati, Ohio, U. S. A. In Canada, Toronto, Ontario.



VERY THIN! TAPERFLOW—17 jewels! Precision® movement, pink or yellow gold-filled case, Guildite back..... \$39.75.



VERY THIN! VOGUE, 15 jewels, pink or yellow gold-filled case, Guildite back..... \$39.75.

GRUEN...MAKERS OF THE PRECISION® WATCH...AND PRECISION INSTRUMENTS FOR WAR
COPYRIGHT 1941 THE GRUEN WATCH COMPANY REG. U. S. PAT. OFF. PATENTED U.S. PATENT NO. 2,198,452. CANADIAN PATENT NO. 386,676. COPYRIGHT 1939 BY THE GRUEN WATCH CO.

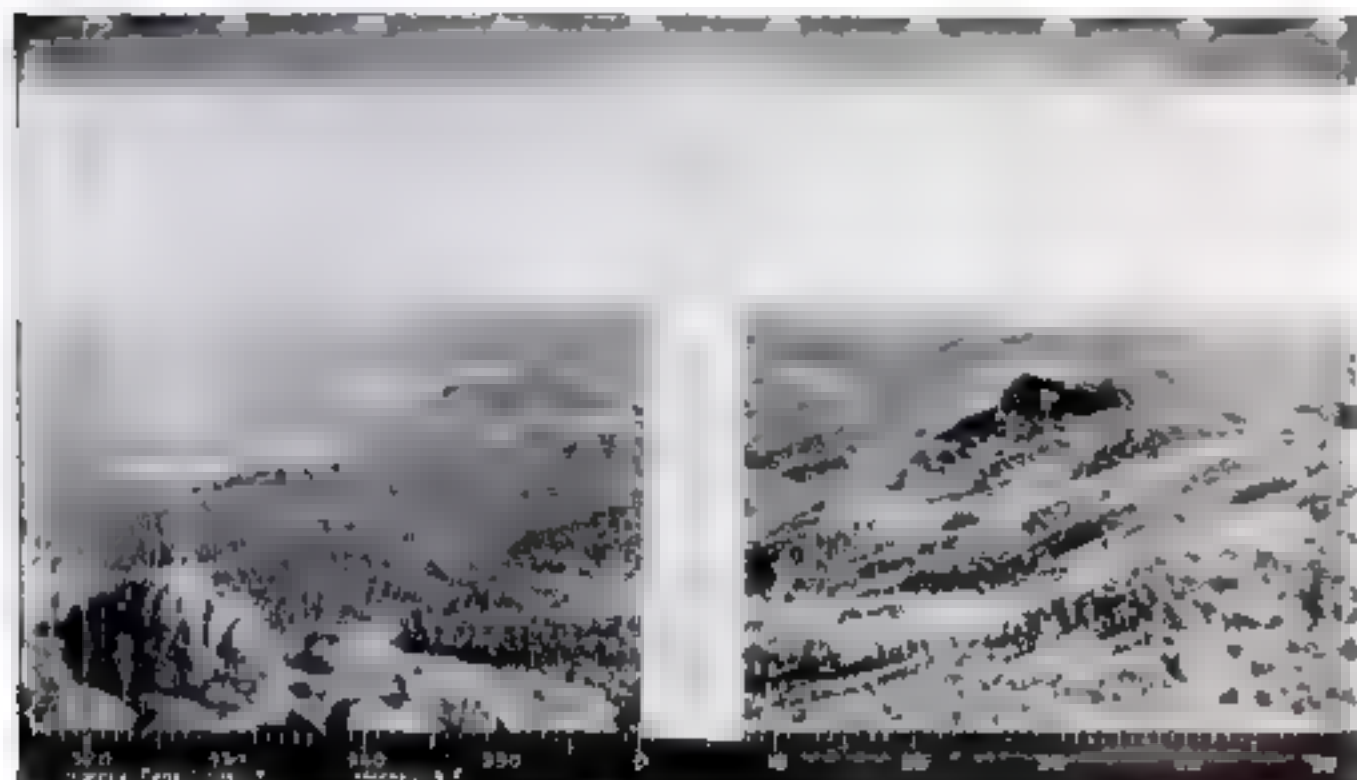


BUY A
GRUEN WATCH...
BUT BUY A
WAR BOND
FIRST!

REGISTERED
TRADE MARK

SPEAKING OF PICTURES

(continued)



Vertical scale, moved along horizontal azimuthal scale, accurately locates forest fire on the two coordinates. Scale readings can be phoned or wired to fire-crew station, there reproduced exactly on duplicate picture, facilitating the dispatch of fire crews.



Location instrument in lookout tower set sight which swings around an azimuthal scale. Azimuthal scale gives direction of fire from lookout. Back sight slides up and down vertical scale, which helps to estimate but cannot actually measure distance.



Lookout tower on Harney Peak in South Dakota Black Hills is vantage from which picture at top was taken. Panorama pictures have been taken from most of Western lookout stations, have documented 85% of the forest land in Oregon and Washington.

7 A. M. . . all's not well!



YOU WAKE UP—needing a laxative. Constipation symptoms have you feeling lousy, dull, heavy-headed. What to do? Do as thousands do. Take gentle, speedy Sal Hepatica now—the minute you get up!

9 A. M. . . you feel swell!



FEEL BETTER FASTER! Taken first thing in the morning, Sal Hepatica usually acts within an hour. No discomfort. No griping. Sal Hepatica also helps turn a sour stomach sweet again by helping to

reduce excess gastric acidity.

It's a fact that 3 out of 5 doctors, recently interviewed, recommend this sparkling saline laxative.

Try it.

Whenever you need a laxative
—take gentle, *speedy*
SAL HEPATICA

Sal Hepatica's active ingredients: sodium sulphate, sodium chloride, sodium phosphate, lithium carbonate, sodium bicarbonate, tartaric acid. Ask your doctor about the efficacy of this prescription.

TUNE IN { "TIME TO SMILE" starring Eddie Cantor—Wednesdays, 9:00 P. M., EWT
"DUFFY'S"—with Ed Gardner—Tuesdays, 8:30 P. M., EWT

John Robert Powers reveals SHAMPOO USED BY HIS 'MILLION DOLLAR' MODELS



MR. POWERS' ADVICE TO HIS GORGEOUS BEAUTIES

Thousands upon thousands of girls have contacted John Robert Powers to join his group of stunning models—often called the "million dollar models" because so many have married millions or made fortunes in motion pictures and on the stage.

Mr. Powers advises all his models to use only Kreml Shampoo to wash their hair. And these girls have discovered there's nothing better to bring out the natural brilliant highlights and to help keep hair looking its ravishingly beautiful best for days.

How To Give Your Hair This 10-Minute "Glamour Bath"

When dazzling Powers Models use Kreml Shampoo, you may be sure it's one of the most beautifying shampoos you can buy!

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Kreml Shampoo has a beneficial oil base which is marvelous to soften brittle ends and helps keep your hair from becoming dry. Kreml Shampoo thoroughly cleanses the hair and scalp of dirt and loose dandruff and never leaves any excess dull soapy film. Now do get a bottle

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Kreml Shampoo is absolutely free from any harsh chemicals or caustics—it is unsurpassed for washing children's hair. It is mild, gentle, yet ever so effective in cleansing and beautifying. Its special oil base helps keep kiddies' hair from becoming dry or brittle. Thus it may be used as frequently as desired.

Kreml SHAMPOO

FOR SILKEN-SHEEN HAIR—EASY TO ARRANGE
MADE BY THE MAKERS OF THE FAMOUS KREML HAIR TONIC



LIFE'S COVER: The matching dress-top and parasol is Designer Trainsa Norell's contribution to the frilly, Gibson-girl spring fashions. The girl is 20-year-old Diana Dill. This is her first magazine cover. Diana arrived at modeling in New York via Bermuda, where she was born, the Isle of Wight, where she was educated and Hollywood, where she went to act. For more pictures of spring frills see pages 74-76.

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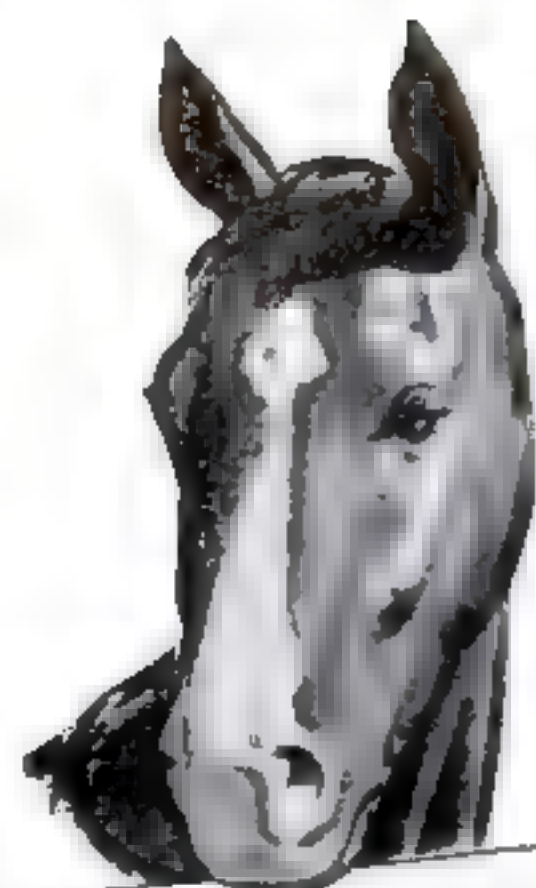
PUBLISHER
Roy E. Larsen
GENERAL MANAGER
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ADVERTISING DIRECTOR
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Subscriptions and all correspondence regarding them should be addressed to circulation office: 350 East 57th Street, Chicago, Ill.

LIFE is published weekly by Time Inc.—Editorial and Advertising offices: TIME & LIFE, 612 Rockefeller Center, New York City—Maurice T. Moore, Chairman; Roy E. Larsen, President; Charles L. Stillman, Treasurer; David W. Brumbaugh, Secretary.

Subscription Rates: One year, \$4.50 in the U.S.A., \$5.50 (Canadian dollars) in Canada including duty \$6.00 in Pan American Union, elsewhere, \$10. Single copies in the U.S.A., 10c; Canada, 15c; U.S. Territories & Possessions, 15c; elsewhere, 25c.

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Well, here's your chance! Able-bodied high school boys and girls . . . oldsters who'd like to sniff that good elixir of new-mown hay once more . . . white-collar workers who want to take vigorous physical part in winning the war this summer. . . .

Your country needs you—down on America's farms this season getting in the food supply. Don't let the crops VITAL TO VICTORY go unharvested. . . .

It pays! It's good fun! It's hard work! So start now getting FIT TO FARM. See your local U. S. Employment Office right away. This advertisement contributed by the makers of Sani-Flush and Mel'o.

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MAKE THIS SIMPLE TEST TODAY
Eyes tired? Do they smart and burn from overwork, sun, dust, wind, lack of sleep? Then cleanse and soothe them the quick, easy way—use Murine.

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Murine is a scientific blend of seven ingredients—safe, gentle, and oh, so soothing! Just use two drops in each eye. Right away Murine goes to work to relieve the discomfort of tired, burning eyes. Start using Murine today.

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SOOTHES • REFRESHES



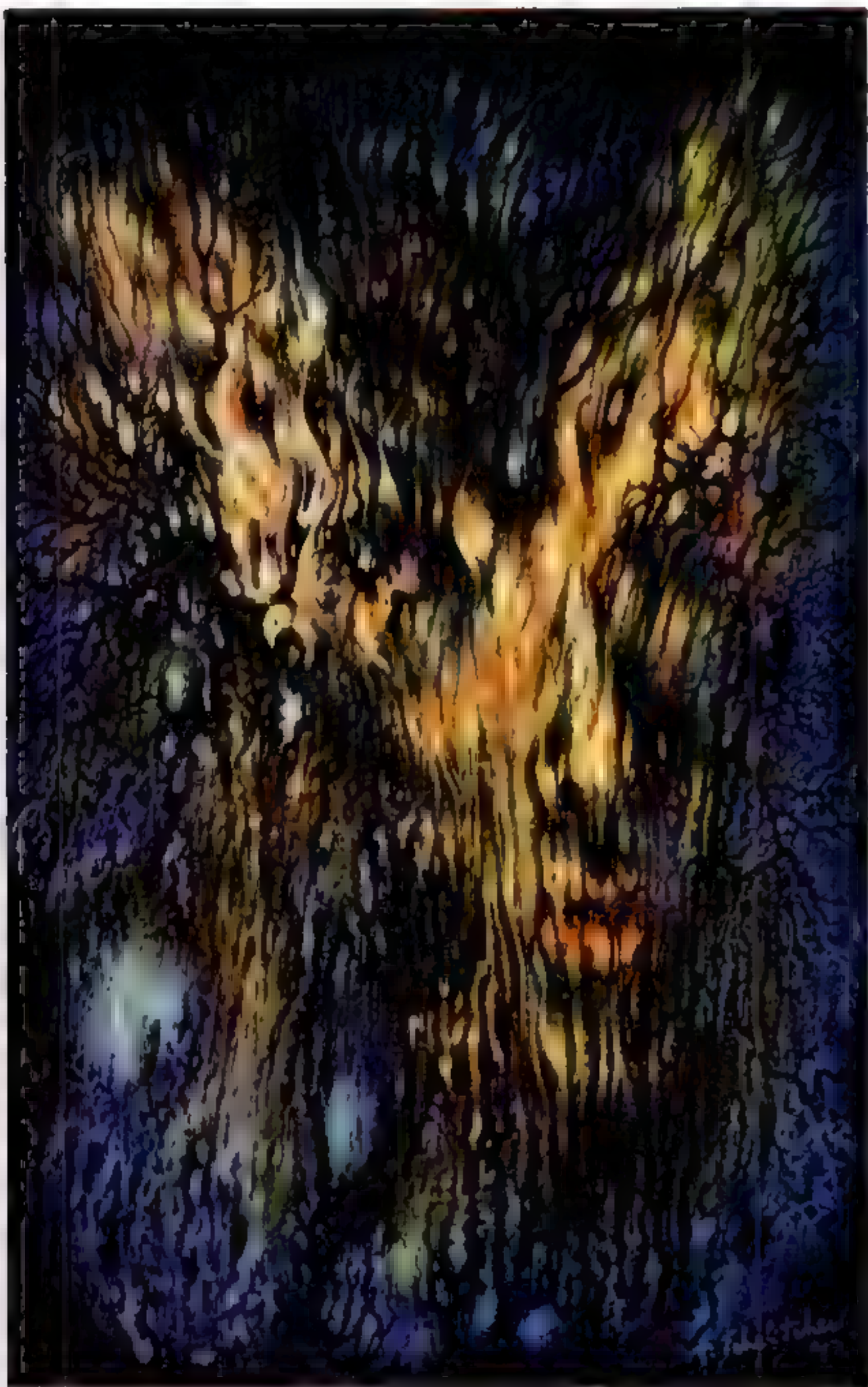
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They may become dangerously sore. So apply Chap Stick for quick relief. Gently medicated, it soothes smarting, sun-sore lips—helps heal broken skin. Fleet's Chap Stick is used by U. S. Forces everywhere to prevent dry, cracked lips. 25c at all drug stores. Chap Stick Co., Lynchburg, Va.



In a Magic Garden



Like some enchanted garden, music is a refuge from the dark tumult of our times. Outside are wars, familiar days, and searchings of the heart. Within is inspiration, and walks edged with beauty and peace.

A supreme interpreter of the world's fine music is the Capehart Phonograph-Radio. One of the great satisfactions of life, for many Capehart owners, is to turn to this magnificent instrument for relaxation after the hard and tedious day.

And such will be the opportunity for many thousands more, when the Capehart is built once again. Now, however, the facilities of the Farnsworth Television & Radio Corporation are serving America at war, and only a limited number of Capeharts is available at a few Capehart dealers.

The Capehart dealer is still able to care for other of your musical requirements. See your Capehart dealer for a piano; for recordings, classical and popular; for sheet music, an organ, and band and orchestra instruments. And let this dependable authority keep your musical and radio equipment in good condition, also.

The Capehart Division, Farnsworth Television & Radio Corporation, Fort Wayne, Indiana.

- The "Fire Bird Suite," by Igor Stravinsky, interpreted for the Capehart Collection by Pavel Tchelitchev, long a friend of Stravinsky, and designer of ballets for the great composer.
- The music tells an ancient Russian legend of the Fire Bird, half-bird, half-woman, who, seeking the golden apples of life in an enchanted garden, is captured by the young Prince Ivan.
- In Tchelitchev's painting, the shape of the flames burning in the garden slowly turns before your eyes into the form of a bird with soaring wings. Within the flames also is hidden the face of a beautiful woman.
- There are excellent recordings of the "Fire Bird Suite," conducted by Stravinsky (Columbia Album M-115), by Stokowski (Columbia Album M-446), and by Stokowski (Victor Album DM-933).

INVEST IN VICTORY — BUY WAR BONDS

A portfolio of reproductions of paintings in the Capehart Collection may be secured at nominal charge from your Capehart dealer, or direct from the Capehart Division at Fort Wayne.

The Capehart *Adam* with the timeless, beautiful design that turns the radio over and FM radio reception. C. (Capehart) may also be placed throughout your home and the grounds.



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"They say it's a Regular Spring Tonic for Horsepower!"

Change now to Summer Mobiloil

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Blue Network, Coast-to-Coast
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long before you can get a new car. So don't rely on worn winter lubricants to protect those vital irreplaceable parts another day! Let your Mobilgas dealer put in Summer Mobiloil and Mobilgreases—exactly the right grades for maximum summer protection. Let him inspect your car for gas and tire waste, too. He may be able to save up to 10% of your fuel. See him now! SOCONY-VACUUM OIL CO., INC., and Affiliates: Magnolia Petroleum Co., General Petroleum Corp. of California.



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GET A Conservation Check-up EVERY 30 DAYS

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LIFE'S PICTURES

Two crack LIFE photographers spent four months on this week's essay on South Africa (pp. 78-89). They are: Robert Landry (left) and Hart Preston, on the heights above Stellenbosch Valley. Preston came down with malaria in South Africa. Landry had just recovered from a bout of dysentery. The gigantic subject of South Africa was one of the most challenging they had ever faced, though Preston had just finished an essay on Turkey and Landry one on Battle of Egypt.

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It's Luminous!—Kaysers' marvellous, sunproof, rayon jersey. Perfect for these busy times—takes only three minutes to wash. Beautifully made—worthy reflection of everything for which the name Kaysers stands. Not plentiful—so even more deserving of your gentle care—for long wear. Blossom, white, black.

So few... So fine.

KAYSER

Gloves, Hosiery,
Underwear and Lingerie

Be Wiser. Buy Kaysers and War Bonds, too!

Trade Mark



What *America's Baby Week*

Means to You and Your Baby!

YOU rarely pick up a magazine these days without meeting them—those hollow, haunting eyes of Europe's new generation, staring at you with the listless look of children long grown used to hunger. And you can't see them without being deeply grateful that here in America we can still celebrate National Baby Week—dedicated to your babies—the sturdiest, healthiest youngsters in the world.

Keeping your baby sound and robust has long been regarded as a privileged trust by the Baby Food Industry. Working in cooperation with the nation's

doctors, we have perfected scientifically cooked, vacuum-packed baby foods which retain vitamins and minerals in high degree. These products have the advantage of being uniform in quality, flavor and consistency. They also save valuable time formerly devoted to preparing baby foods at home.

To make sure that your baby will be able to continue enjoying these highly nutritive, ready-to-serve foods, the government has given them a low point-value. So when you're budgeting the family's ration points, keep baby's menu in mind, too. Let the nation's baby-food experts prepare his meals for him!

And in selecting these foods, remember that it's more important than ever to let *quality* be your guide! Ask for Heinz Baby Foods, backed by a famous 74-year reputation—and preferred by most mothers because of their outstanding color, texture and flavor!

National Baby Week
May 1st - May 8th

H. J. HEINZ COMPANY

Makers of the famous Heinz 57 Varieties

YOUR RATION POINTS ARE LIMITED—BE SURE YOU BUY CAREFULLY



AT FORT BELTHER, GA., PRESIDENT ROOSEVELT AND COLONEL OVETA CULP HOBBS REVIEWED 24 COMPANIES OF WAAC. SECRET SERVICE MAN ADJUSTS PRESIDENT'S CAPE

THE PRESIDENT TOURS A REBELLIOUS SOUTH

Last week and the week before, the Commander in Chief of the U. S. was on the go again. On April 13, a few hours after he had dedicated the new Jefferson Memorial, President Roosevelt boarded a special train and rolled southward. Nothing was printed about the trip until April 20, when he turned up in Monterey, Mexico, to meet the Mexican President, Avila Camacho. The two Presidents made a pair of goodwill speeches on the radio during which F. D. R. dropped one statement which sensitive ears took to be at least a hint toward a Fourth Term: "Mr. President, it is my hope that in the expansion of our common effort in this war and in the peace to follow we will again have occasion for friendly consultation in order further to promote the closest understanding and continued unity of purpose between our two peoples." Then they crossed the border and inspected the Navy's big air training station at Corpus Christi, Texas. News accounts and photographs showing the President reviewing rows of sun-tanned soldiers and snappy Waacs at Southern army posts were released (see above). After that censorship clamped down again and the President disappeared for a while.

Either deliberately, or by pure coincidence, the first leg of the President's journey took him into territory where the big political fight of 1944 is already on. For months the traditionally Democratic Solid South has seethed with revolt talk. An anti-Fourth Term campaign is in full swing in the Texas press. Governor Sam Jones of Louisiana and ex-Governor Frank Dixon of Alabama have urged the South to bolt the present Democratic party and form its own Southern party. Threats and rumors of political rebellion have cropped up in Tennessee, in Georgia, in Florida and Mississippi. These threats have been based on several grievances, including 1) the growing sharpness of the race equality issue, which Southerners blame principally on Eleanor Roosevelt; 2) discriminatory freight rates, which the South believes are hog-tying its industrial development, and which the Roosevelt administration has failed to correct; 3) gasoline rationing in States which have or are near big oil fields; 4) too much "Federal bureaucracy" and weakening of States' rights under the New Deal. Last month six Southern Governors met at Tallahassee, Fla. and spent two days telling each other

their grievances. Sam Jones of Louisiana made a speech urging them to inform "the rest of America of the South's plight." Senator Claude Pepper, an ardent friend of the President, flew down uninvited from Washington to ask them to be patient. The Governors talked back until Pepper's ears were red, sent him flying to Washington with this message for the White House: Do something for the South, or we won't be responsible for what may happen in 1944.

By the end of last week it looked very much as though the President was doing something. In between watching sham battles and getting his car splattered with potato "hand grenades," he had friendly talks with a series of Southern Governors. Some of them seemed happier afterward; some did not (see page 18). But all of them would have probably agreed that the Solid South, even though it seemed to be wrangling a bit here and there, would stay Democratic in 1944 if Franklin Roosevelt should be the nominee. Few Southerners doubted that he would be. Said one of the "rebel" Governors, Georgia's Ellis Arnall, after a talk with Roosevelt at Fort Benning: "He's running just as hard as he can run."



Governor Chauncey Sparks of Alabama met the President for the first time on April 15, when Mr. Roosevelt visited Maxwell Field near Montgomery. He wanted to talk politics with the President very much, he said later, but the Army planes overhead made too much noise and he

didn't have a chance. Later, by request, he sent the President some quail for supper. *Governor Sparks* does not like the thought of a fourth term but he is opposed to bolting the Democratic party. He is pictured here in front of the original capitol of the Confederacy at Montgomery.

SOUTHERN GOVERNORS HEAD THE "REVOLT" AGAINST THE NEW DEAL

Nobody knows right now whether the Southern "revolt" of 1943 has any widespread support among the rank and file of Southern voters. Most analysts claim that the mass of voters in the South are still pro-Roosevelt, and will surely vote for him in 1944 if the war is on then. Most of the rebellious talk so far has come from Governors of Southern States and, even among themselves, the Governors are badly split on what they should revolt about. Texas' Coke Stevenson, for instance, is a sturdy spokesman for States' rights, who doesn't like to have bureaucrats in Washington "pushing us around." But Georgia's Ellis Arnall calls himself a "Federalist" who does not subscribe to "the moth-eaten doctrine of States' rights," and talks mostly about cash-on-the-line Federal aid to Georgia. Louisiana's Sam Jones is a "liberal" who charges Roosevelt has "let his New Deal stand on the necks of our little people". Some of the other "revolters" are frankly out to get rid of Henry Wallace and nominate a Southerner for Vice President in 1944.



SOUTHERN GOVERNORS GATHER AT A BUFFET LUNCH DURING THEIR RECENT TALLAHASSEE CONFERENCE



Governor Sam Jones of Louisiana wants South to secede entirely from the Democratic Party. The Solid South, he says, is a political booby trap "composed in equal parts of outworn tradition, habit and self-delusion." Jones beat the Huey Long machine when he was elected in 1940.



Governor Ellis Arnall of Georgia is against a Democratic split but favors "cold-blooded" political trading inside the party. After seeing the President last fortnight he said he had assurance Washington would soon do "something" for the South. He beat Gene Talmadge in last election.



Governor Prentice Cooper of Tennessee explained South's freight-rate troubles to the President while riding with him to Camp Forrest, later reported: "The Chief Executive showed he has a thorough knowledge of the efficiency of the South." Cooper is a protégé of Boss Ed Crump.



Governor Coke Stevenson of Texas has been running his own two-fronted revolt against New Deal and Washington bureaucracy. He led protest against gas rationing in Texas where highways are main means of travel and oil is unlimited. He is a prosperous rancher and banker.

KEY

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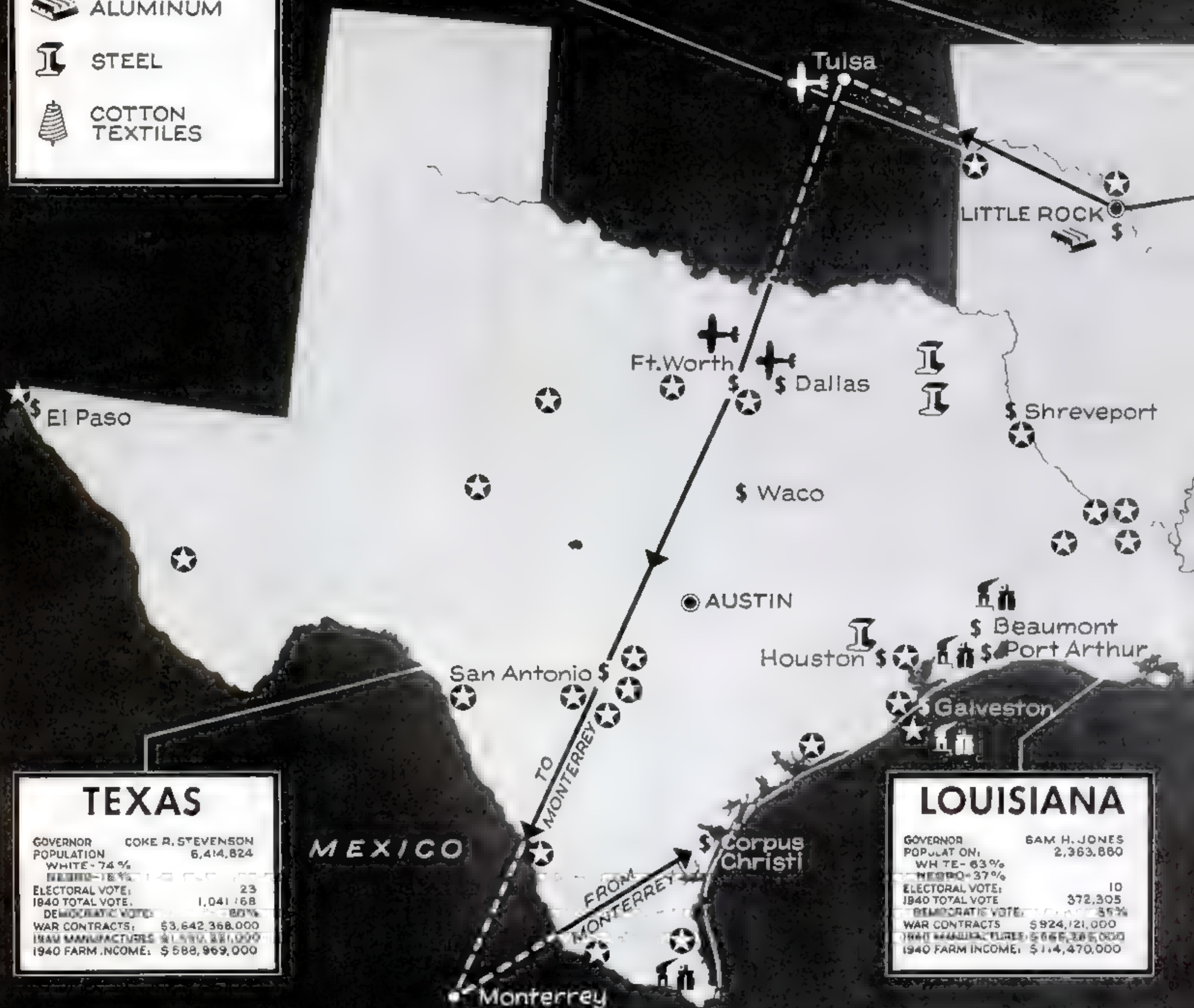
GOVERNOR: HOMER M. ADKINS
POPULATION: 1,941,387
WHITE - 74%
NEGRO - 26%
ELECTORAL VOTE: 9
1940 TOTAL VOTE: 200,743
DEMOCRATIC VOTE: 79%
WAR CONTRACTS: \$415,379,000
1940 MANUFACTURES: \$160,167,000
1940 FARM INCOME: \$166,614,000

GEORGIA

GOVERNOR: ELLIS ARNALL
POPULATION: 3,123,723
WHITE - 63%
NEGRO - 37%
ELECTORAL VOTE: 12
1940 TOTAL VOTE: 312,539
DEMOCRATIC VOTE: 91%
WAR CONTRACTS: \$731,151,000
1940 MANUFACTURES: \$677,403,000
1940 FARM INCOME: \$167,115,000

TENNESSEE

GOVERNOR: PRENTICE COOPER
POPULATION: 2,958,841
WHITE - 82%
NEGRO - 18%
ELECTORAL VOTE: 11
1940 TOTAL VOTE: 522,823
DEMOCRATIC VOTE: 67%
WAR CONTRACTS: \$830,747,000
1940 MANUFACTURES: \$728,088,000
1940 FARM INCOME: \$141,256,000



TEXAS

GOVERNOR: COKE R. STEVENSON
POPULATION: 6,414,824
WHITE - 74%
NEGRO - 26%
ELECTORAL VOTE: 23
1940 TOTAL VOTE: 1,041,168
DEMOCRATIC VOTE: 88%
WAR CONTRACTS: \$3,642,368,000
1940 MANUFACTURES: \$1,550,881,000
1940 FARM INCOME: \$588,969,000

LOUISIANA

GOVERNOR: SAM H. JONES
POPULATION: 2,363,880
WHITE - 63%
NEGRO - 37%
ELECTORAL VOTE: 10
1940 TOTAL VOTE: 372,305
DEMOCRATIC VOTE: 85%
WAR CONTRACTS: \$924,121,000
1940 MANUFACTURES: \$665,385,000
1940 FARM INCOME: \$114,470,000

THE NOT-SO-SOLID SOUTH

It is held together by its pride and its traditions

The geographical unit known as the "Solid South" stretches from Virginia and Florida on the Atlantic Coast to the western borders of Texas. It includes the eleven States which seceded from the Union in 1860 and formed the Confederacy, and have stuck together politically ever since. Some authorities class Tennessee as a Border State. The South has enormous natural resources and some well developed industrial regions. But Southerners complain bitterly that high freight rates on goods shipped from the South prevent them from competing with

S. CAROLINA

GOVERNOR: OLIN D. JOHNSTON
POPULATION: 1,899,804
WHITE- 54 %
NEGRO- 46 %
ELECTORAL VOTE: 8
1940 TOTAL VOTE: 99,830
DEMOCRATIC VOTE: 98 %
WAR CONTRACTS: \$359,525,000
1940 MANUFACTURES: \$397,513,000
1940 FARM INCOME: \$115,989,000

VIRGINIA

GOVERNOR: COLGATE W. DARDEN, JR.
POPULATION: 2,677,773
WHITE- 73 %
NEGRO- 27 %
ELECTORAL VOTE: 11
1940 TOTAL VOTE: 346,607
DEMOCRATIC VOTE: 68 %
WAR CONTRACTS: \$1,997,457,000
1940 MANUFACTURES: \$988,813,000
1940 FARM INCOME: \$127,289,000

Washington

RICHMOND

Newport News
Norfolk

RALEIGH

NASHVILLE

Knoxville

Chattanooga

COLUMBIA

ATLANTA

Augusta

Birmingham

Warm Springs

Macon

Columbus

MONTGOMERY

(Maxwell Field)

PRESIDENT'S TOUR

JACKSON

Savannah

N. CAROLINA

GOVERNOR: J. MELVILLE BROUGHTON
POPULATION: 3,571,623
WHITE- 71 %
NEGRO- 29 %
ELECTORAL VOTE: 13
1940 TOTAL VOTE: 822,648
DEMOCRATIC VOTE: 74 %
WAR CONTRACTS: \$692,129,000
1940 MANUFACTURES: \$1,421,330,000
1940 FARM INCOME: \$219,861,000

FLORIDA

GOVERNOR: SPESSARD L. HOLLAND
POPULATION: 1,897,414
WHITE- 71 %
NEGRO- 29 %
ELECTORAL VOTE: 9
1940 TOTAL VOTE: 485,492
DEMOCRATIC VOTE: 78 %
WAR CONTRACTS: \$889,961,000
1940 MANUFACTURES: \$241,539,000
1940 FARM INCOME: \$112,939,000

MISSISSIPPI

GOVERNOR: PAUL B. JOHNSON
POPULATION: 2,183,796
WHITE- 50 %
NEGRO- 50 %
ELECTORAL VOTE: 9
1940 TOTAL VOTE: 175,824
DEMOCRATIC VOTE: 98 %
WAR CONTRACTS: \$544,978,000
1940 MANUFACTURES: \$174,937,000
1940 FARM INCOME: \$144,565,000

ALABAMA

GOVERNOR: CHAUNCEY SPARKS
POPULATION: 2,832,961
WHITE- 64 %
NEGRO- 36 %
ELECTORAL VOTE: 10
1940 TOTAL VOTE: 294,219
DEMOCRATIC VOTE: 80 %
WAR CONTRACTS: \$1,176,957,000
1940 MANUFACTURES: \$574,671,000
1940 FARM INCOME: \$116,248,000

the East and Midwest. President Roosevelt heard this often on his tour. Considering its industrial backwardness, the South has its share of war contracts, although the total for eleven States is only a little more than that for California (\$11,513,306,000).

The reasons why the South almost invariably votes as a solid Democratic bloc in Presidential elections are historical, emotional and racial. The South has never forgotten Reconstruction days, when Republican Negroes outvoted and governed whites in parts of the South. Southerners are often touchy about seemingly minor is-

ssues, such as the shortage of low-priced Negro maids which many Southern housewives are blaming on Eleanor Roosevelt instead of on the rise of new war industries. Politically, the South is both the most conservative and most noisily demagogic section of the U. S.

But the South is not always Solid. In 1928 it cracked up and five States went Republican because Democrat Al Smith was a Catholic. In 1944 it might do it again, if its pride, its prejudices and its economic self-interest were sufficiently aroused.

THE FOOD CONFERENCE

OUR FIRST TRY AT POST-WAR INTERNATIONALISM LOOKS LIKE A BUST. BUT WE SHOULD TRY AGAIN

Our country is making an important experiment this month. We are playing host to some 40 nations at the International Food Conference at Hot Springs, Va. which will discuss how to give everybody more and better things to eat after the war. This is our first big try at post-war collaboration with the rest of the world.

Unfortunately, the Food Conference starts with two strikes on it and there seems to be little chance of a score. What went wrong?

Let us first look at the background. The Food Conference is the most important of a whole series of technical meetings on post-war problems being held at U. S. instigation. There are the refugee conference in Bermuda and the currency talks in Washington; later there will be conferences on relief, health, transport and maybe other things. Such meetings can help keep the United Nations together as a working alliance after the war. If we learn to agree as allies over small things, we will be better able to co-operate over big things like keeping the peace.

Moreover, in calling these conferences, the President is thought to have had a very shrewd maneuver in mind, the kind that ought to make all Yankees proud of him. There were already in existence a variety of agencies for post-war collaboration; but most of them are under British influence. The League of Nations still has its formal existence and its buildings in Geneva; but it draws its support chiefly from the British Empire, which never stopped paying dues. In London the exiled governments, where foreign ministers meet regularly with Anthony Eden, have set up a number of post-war committees. Such agencies, despite their international character, are thought of in Washington as being British fronts. The League is particularly scorned because the U. S. never was a member, and because it represents the old pre-war silk-hatted "spirit of Geneva," of which most Americans were always a little suspicious.

All the President's conferences will meet in the Western Hemisphere. Here the U. S. can take a proprietary role. And out of these conferences may grow permanent committees and institutes, which in turn might be the technical pillars of an ultimate world organization. Housed on American soil, they would make the U. S., not London or Geneva, the headquarters of post-war peace.

How to Run a Conference

That, at least, is thought to have been the idea in the back of the President's mind. But if the way we handled the Food Conference is any criterion, this scheme seems doomed to fail. Old Geneva hands are laughing at the amateurishness of our technique.

To make a success of an important inter-

national conference there are certain tried procedures. First of all, you privately sound out the major powers whom you intend to invite, making sure that there is something to discuss and some hope of reaching an agreement. Then you assign experts—in this case, agricultural economists and food specialists—to the technical job of preparation. This preparation may take months. But at the end of it, each government has all its facts well in hand, with a good idea of what it wants and what it may have to concede; and a clear agenda for the conference has been worked out. Not until then are the delegates chosen. And the chief delegates will not be technicians. They will be politicians—men keenly sensitive to the narrow self-interest of their own voters at home.

These politicians then assemble and make speeches at each other; and the more newspapermen around, the happier they will be. Still watched, off and on, by the press, they then begin to negotiate, gradually developing a sympathetic interest in each other's viewpoints. Sooner or later they make concessions and strike a deal. The politicians then go home to explain the deal to their people, or if necessary get it ratified. But since they helped make the deal abroad, they will naturally try hard to sell it back home. This is the crucial part of any conference. That is why the press is needed and the delegates should be politicians; so that the agreements may have a firm popular base.

What We Did Wrong

What was our procedure? Apparently the President was so eager to hold a conference that he forgot to figure out what it is supposed to decide. He did not, so far as is known, consult our major allies beforehand. The invitations were issued on such short notice that some of the delegates could not even reach the U. S. in time, so that the date had to be postponed. Not even a preliminary agenda had been worked out; it was hastily thrown together in the State Department afterwards, and its cloudy language is an affront to our guests. Finally, in the absence of any technical preparation, it was decided that the delegates themselves should be technicians. There is to be scarcely a top-flight politician in the crowd.

Then came the President's attempt to exclude the press. The Homestead is the only big hotel within ten miles of Hot Springs. The Government has commandeered the whole place, and the President wants none of its 600 rooms rented to reporters. Elmer Davis and others are working on him, but it still looks as though the reporters will have an uncomfortable time of it—which will, of course, make their stories even less sympathetic than they need be.

The irony is that if the President had never tried to exclude them, the reporters would probably have stayed away in droves, out of boredom. For it is obvious that technicians cannot make important news. They cannot make concessions, the heart of any international agreement.

U. S. farmers are vitally interested in avoiding another post-war collapse of world food markets like that of the '20's and '30's. This very serious problem cannot be solved without agreement between the U. S. and other countries. Thus every U. S. farmer has a stake in making an international food conference a success.

But at Hot Springs the statisticians and the nutrition experts will have to spend a few weeks doing the home-work that should have been done before. They may set up standing committees, and someday, perhaps, the agenda for a real conference will result. The Congressmen who are so eager to go to Hot Springs now will then have a real reason to be interested. So will the newspapers, and so will all the world. That conference, unlike this one, can be a real step toward permanent United Nations collaboration.

The Lesson

So let us not take Hot Springs too seriously. The fact that our first attempt at conference-giving may be a bust should not discourage us from trying again. Above all, let us not conclude that all international conferences are a waste of time. They always do some good; and sometimes a great deal of good.

But we can draw certain lessons from Hot Springs. One lesson is that the job of getting along with other countries is no cinch. The motivating spirit must be truly international, and not just a selfish desire to score off an ally. A knowledge of the techniques is also necessary. These techniques were mostly developed by other and smaller nations at Geneva, during our absence; but we can surely afford to be humble enough to learn them.

A more important lesson is that no real progress is made in international co-operation unless the people are let in on it. This was perhaps the President's most serious blunder. He tried to have his conference and hide it too. As Walter Lippmann pointed out, a secret mass meeting is an impossibility. All the President succeeded in doing was to get Congress and the newspapers down on him again. He gave the impression that he wants to keep our foreign affairs out of the people's hands. But no important U. S. policy, foreign or domestic, can be made to stick unless the people understand and approve it. The administration's job is to take the lead in clarifying the issues which the people must decide; and to use its experts not to by-pass the politicians, but to guide and persuade them.

PICTURE OF THE WEEK

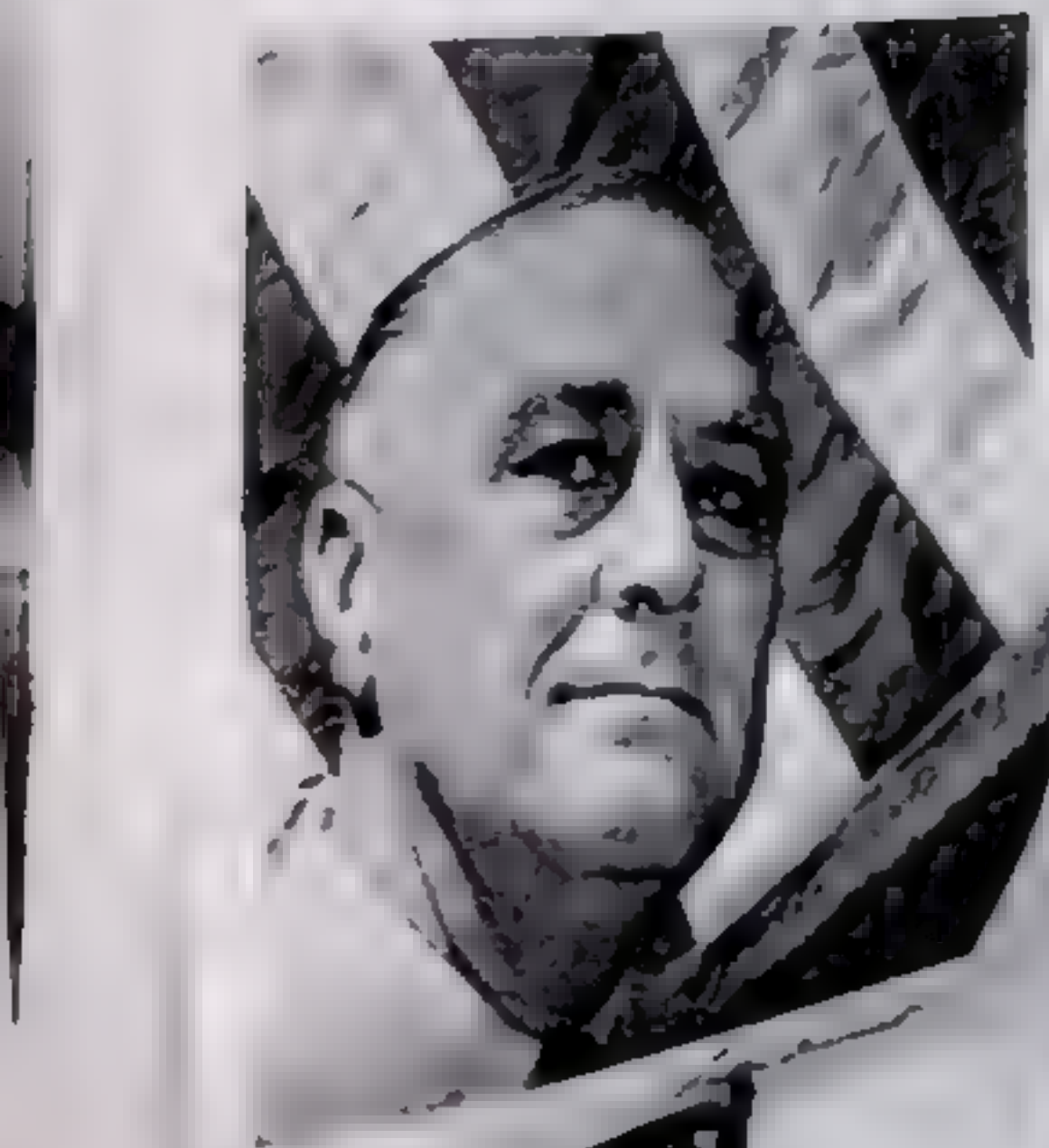
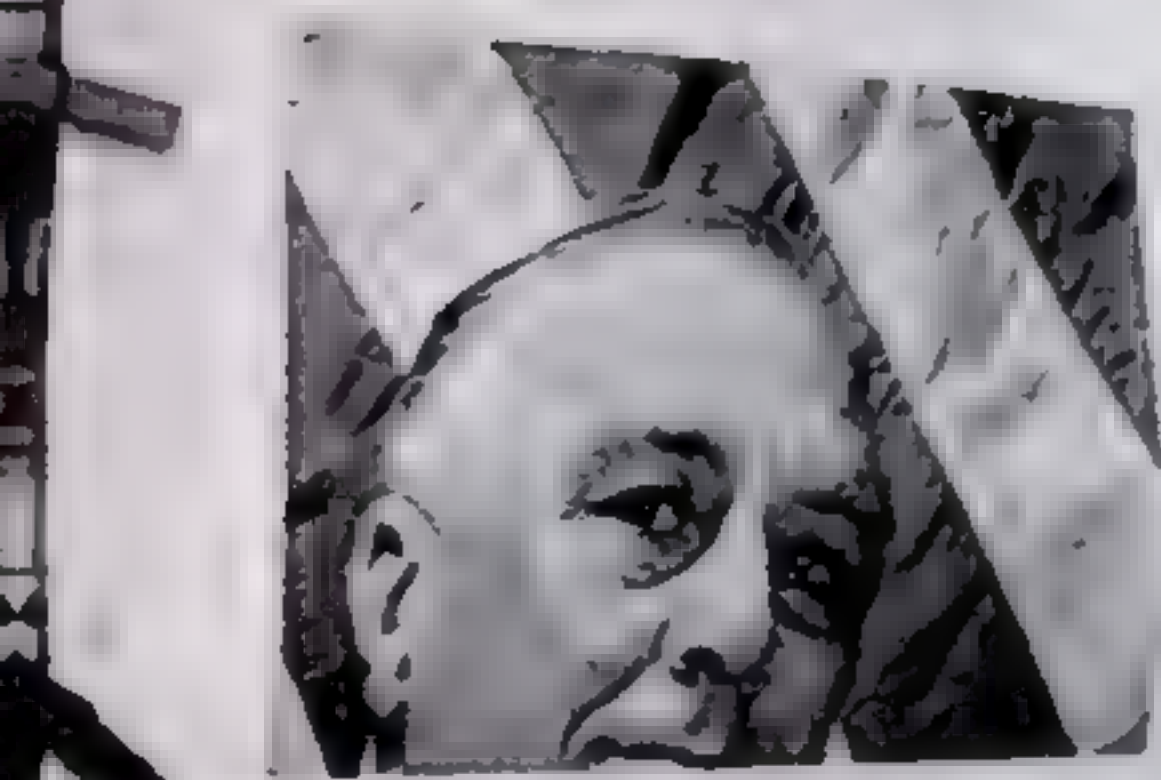
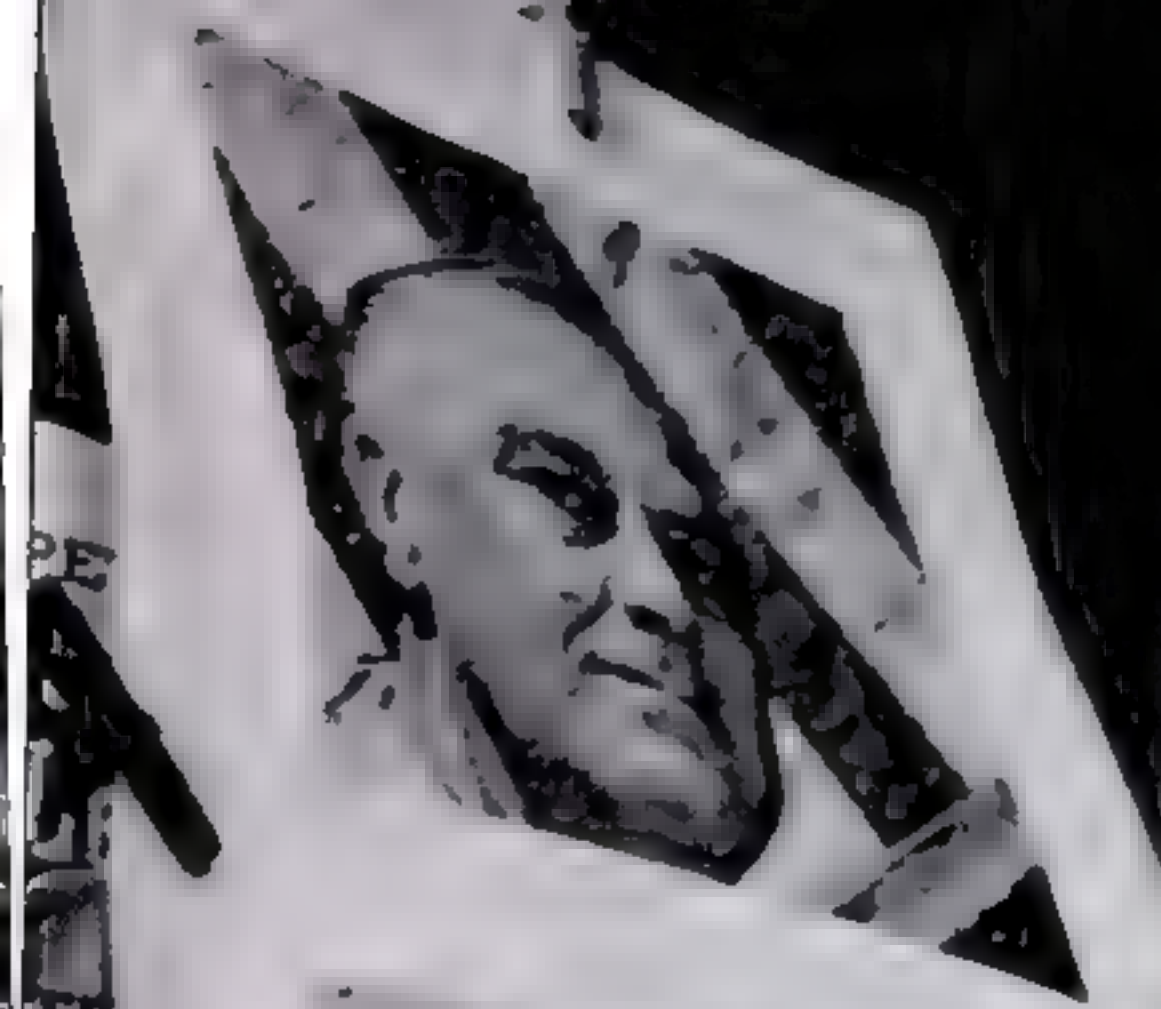
For 50 francs or one dollar the good citizens of Casablanca can now purchase full color portraits of President Roosevelt with his signature printed

below. Moroccan shopkeepers have bought them for window displays, hoping to attract American soldiers. Native newsdealers (see opposite page) are

doing a thriving trade with the likeness of Roosevelt, reproduced from the U. S. propaganda magazine *Victory* and sent to Morocco by the OWI.

COUTELLER

On a street in Casablanca a Moroccan newsdealer
hawks big color portraits of President Roosevelt



Le Petit Journal





DAVIS ON THE GRIDDLE

Under attack by Congress, OWI Director stages a
“press conference” for Senate Judiciary Committee

Last week the Office of War Information was engaged in the most urgent propaganda battle in its year-old career: it had to convince a doubting Congress that Elmer Davis' organization was doing a good and honest job. It was attacked by Representative Woodrum of Michigan for favoring Communist policies toward Poland, by Senator Taft of Ohio for keeping its foreign propaganda a secret from the public. Chief attack came when Wyoming's Senator O'Mahoney of the Judiciary Committee, motivated by recent resignations of 15 OWI pamphleteers, introduced a resolution in the Senate demanding an inquiry into the policies of governmental agencies disseminating war news. Before acting on the O'Mahoney resolution, the Judiciary Committee proposed that Director Davis hold his regular press conference in the Senate caucus room and that Committee members attend. Davis accepted the challenge.



The resulting "press conference" is shown above. More than 100 reporters crowded into the combined testing and hearing, some of them covering the Judiciary Committee, some of them covering the OWI. Photographers, happy at killing two conference pictures with one flash bulb, had to get up high to include all the faces. In the picture above, white-haired bespectacled Elnor Davis is resting his arms on the middle of the long mahogany table at right. Flanking him are two of his severe critics, O'Mahoney on his right and Senator Van Nuys of Indiana on his left. Also at the table are Senators Ferguson (Michigan), Danaher (Connecticut), Chandler (Kentucky), Connally (Texas) and at Van Nuys' left, Austin (Vermont). Near the table official stenographers are recording the proceedings, some for the OWI, some for the Judiciary Committee. Reporters are scribbling busily. During this novel

"command performance" they heard Davis state that OWI deals only in "one commodity, facts" and that the writers who had resigned were sincere but had made misleading statements that the OWI carried on "war ballyhoo." He also referred to his running quarrel with Rubber Administrator William Jeffers over the OWI's recent rubber statement, charging that Jeffers had four times refused to review the statement before its release.

After the conference, which one Senator termed a fine "example of democracy," the Committee questioned Davis secretly behind closed doors. At week's end the Senators had not adopted or rejected O'Mahoney's resolution. Still ahead for harried Director Davis was a meeting with the economy-minded House Appropriations Committee on OWI's request last week for \$47,342,000 to cover the next fiscal year.



WAR HITS RED OAK

A small prairie town gets word that 23 of its boys are missing in action after a battle in North Africa

In North Africa in February, the Axis armies forced soldiers and civilians on the American soldiers at El Alamein and pushed them back past Kassassin. Before they were stopped, Nazi planes overwhelmed and engulfed one who a National Guard company.

In Red Oak, Iowa, a few weeks later, the story of what had happened to that company fell suddenly and heavily on the population, which is less than 6,000. Twenty-three of the boys were from Red Oak. The casualty list set them all down as "missing in action."

For the people in Red Oak, it wasn't just a casualty list. Looking at the names, they could see a picture of their town. Each name meant a certain person who lived in a specific house. Kenneth Abraham was Ken Abraham who lived over the "Green



"Parrot" in the middle of town. John Grove was the one who lived on Fifth Street. Some addresses had a double sadness. Mac Stille on Corning Street lost two sons: Sergeant Frank and Private Dan. Her daughter Marie lost her husband, Darrell Wolfe. Gillespies on Second Street counted two sons lost—Charles, 22, and Frank, 20. Duane Dodd and his cousins, the Halbert boys, were missing.

The news was a sharp crack on the chin to Red Oak. Everybody knew somebody on the missing list. But the town rolled with the punch, came back grim and resolute. Casualty lists aren't new to Red Oak. In the last war all but a dozen of this company were gassed, wounded or killed. The dead are buried in the cemetery, hidden by the trees at the upper left of above picture. This time the company was in the

first U. S. contingent in Northern Ireland and North Africa. On the way to Africa its ship was torpedoed. Some of the boys were in the regimental band and Dennis Smith lost his baton—he was drum major—and Dale Thompson lost his piccolo. So when they got to Africa, they had nothing to do but fight.

Last week, spring wandered into Red Oak. The wrens were bustling about their nesting business. The children were playing hopscotch on the sidewalks. The red oaks, which give the town its name, were covered with their first pale leaves. With spring, came better news. The Red Oak casualty list got more specific. The ominous term "missing in action" was clarified. Instead of having been killed, many of the boys had been taken prisoner. Last week, Red Oak was feeling a little less grim.



In Portland, Ore., pretty bare-legged girl students of the Jene Aquinas High School work over their 200 x 10 ft. victory garden. The school building, which is being instructed in housewifery

virtues, paid for the plowing and harrowing of this plot, formerly a smooth green lawn. Produce from the vegetable garden will be used in school cafeteria meals, so no need of practice ones.

VICTORY GARDENS

They are springing up in strange nooks and crannies all over U. S.

After a spiteful flurry of winter in the Middle West, spring skipped around the corner last week to bring a little ray of sun to 18,000,000 U. S. victory gardens. Hand and leg with spring came the silly season and the usual crop of pictures showing pretty girls in becoming shorts. But this year limbs are being bared in the interests of the greatest outdoor fad since miniature golf stymied pedestrian traffic on city corners. Every unprotected piece of ground was being dug up for victory gardens: in Boston's Copley Square and in the Portland (Ore.) Zoo, in Chicago's Arlington Racetrack and in the Wellesley College campus, in New York's Schwab estate and in the Naval Air Station at Olathe, Kan. Everybody was busy tucking seeds to bed in the moist spring soil—movie stars, soldiers, admirals, airline hostesses, nuns and prisoners. Governor Warren of California had a vegetable plot in Sacramento, Diana Hopkins was raking up the backyard of the White House, and Bishop Manning was tending his new garden at St. John's Cathedral.

On these pages are some new amateur farmers cheerfully working to increase the nation's food output. Many are unaware that although gardening victories are planned in April, the real heat of battle does not develop until July, when the gardener must struggle against incessant weeds, bugs, the hot sun and laziness.



The Plaza in front of San Francisco City Hall has been converted into a victory garden. San Francisco has also torn up

the spacious grass lawns in its famous Golden Gate Park and turned the ground over to amateur farmers for growing food.



In downtown New Orleans, just a block from Canal Street, Harry Ducote has a flourishing victory garden started eight months ago. It is producing cabbage, lettuce, tomatoes and radishes.



Prisoners in Cook County Jail, Chicago, till the soil in the walled-in yard. The prisoners cannot plant corn, which might provide a hiding place when tall. Note the guard tower in background.



Nuns of St. Patrick's Home for the Aged in the Bronx use hoes, rakes and shovels to prepare their garden. The Carmelite Sisters expect to raise most of the Home's vegetables for summer.



At swank Town House in Los Angeles, Jane Weeks, a tenant, and Bert Brown, swimming instructor, take care of the vegetables now growing where flowers once reared their lovely heads.



KING LAUGHS

Visiting the home fleet last month, King George had an uproarious time at a vaudeville show put on to entertain the men of the Royal Navy. Typical of the humor in the sketch which tickled His Majesty was this joke. An actor says solemnly, "She was 21." A stooge in a box yells, "Twenty-one! She's 30

if she's a div." A second heckler interrupts to say, "Quite old man, but she didn't look it. She's had everything lifted you know—well, almost everything." The King, flanked by Admiral Sir J. Tovey, and Captain E. D. B. McCarthy *left*, laughed louder and longer than any common seaman in the Land.



KNOX LAUGHS

At last week's annual Associated Press convention in New York's Waldorf Astoria, three famous publishers *above* forgot about wartime newspaper problems to tell a few good ones. Here is the joke told by Amon Carter *left*, Fort Worth publisher, which rocked Secretary of Navy Knox and won a

more sedate appreciation from Secretary of Commerce Jones. A publisher flirting with a pretty manicurist, suggested a date. She refused because her husband would object. "Why don't you ask your husband?" proposed the publisher. "You ask him," replied the manicurist, "he's shaving you now."



Brighter, Clearer Skin may soon be yours through this ***PROVED*** New Beauty Method!

Doctors prove New Skin Beauty comes to 2 out of 3 Women in only 14 Days!

Just think of it! Here at last is a new beauty method that really works—a simple, easy method of using famous Palmolive Soap that has been tested on all types of skin and proved to bring 2 out of every 3 women a definitely

better complexion in just 14 days. Yes, now, at last, scientific tests conducted under the supervision of 36 doctors have proved conclusively that in only 14 days in your own home you, too, may get a brighter, clearer skin!

READ THIS TRUE STORY of what Palmolive's Proved New Beauty Method did for Rita Maymon of New York



"I'm one of 1285 women who reported for scientific complexion tests conducted by 36 doctors in 23 cities. We were typical American women with all types of skin—dry, oily, young, old . . . your type of skin included! Each of us was given a thorough complexion examination, then asked to follow, right in our own homes, a simple new beauty method for just 14 days.

"Here's the method: 3 times every day I washed my face with Palmolive Soap. Then I took one minute more each time—5 full 60 seconds—and massaged Palmolive Soap's remarkable beautifying lather gently into my skin . . . just the way I would a cream. A rinse—and that's all! The secret, you see, lies in extracting the full beautifying effect from Palmolive lather.

"At the end of 14 days, the doctor examined my skin again—and he and I both agreed that Palmolive Soap's new beauty method had worked positive wonders for my complexion! And I learned that the doctors' reports from all the other 1284 tests showed that 2 out of every 3 women got results just as startling and sensational—a lovelier complexion in only 14 days!"

★ Look for these Specific Improvements **IN ONLY 14 DAYS!**

- Brighter, clearer skin
- Finer texture
- Fewer blemishes
- Less dryness
- Less oiliness
- Softer, smoother skin
- Better tone
- Fresher, cleaner color

These are among the many complexion improvements reported by the doctors. You can follow Palmolive's Proved New Method at home! Hundreds of women have already tried it right in their own bathrooms. More than 2 out of 3 say this new way of using Palmolive Soap brought them better complexions in 14 days!



NO OTHER SOAP OFFERS PROOF OF SUCH RESULTS!

"Leggo, I said!"



1.

REPORTER: Awright, okay, I'm a reporter. But please, Pal, I'm busy—City Hall's on fire, the bank's been robbed, somebody just blew up the postmaster, an' the mayor's running around biting dogs. So leggo the coat, Bub . . . Leggo!

CAMEL: But, Pride of the Press, I've got news for you too! I'm the Paul Jones Camel! The living symbol of the dryness in dry Paul Jones whiskey and—



2.

REPORTER: Jeepers! Listen, you Bedouin Barnacle: leggo my coat and tomorrow I'll plaster you all over Page One! But leggo me *now*!

CAMEL: Will you say that this *dryness*, this lack of sweetness in the superb Paul Jones brings out *all* its flavor? And that for all Paul Jones' magnificence, for all its superlative *dryness*, it is most moderately priced?



3.

REPORTER: I'll tell 'em it's a pearl among whiskies, a — Listen! Did you say *moderately* priced? A dry whiskey and moderately priced?

CAMEL: Go to *any* liquor store, O Soon-to-be-Grateful! You'll find that dry Paul Jones is *most* moderately priced!

REPORTER: Well, for the huvva Mike! Listen, you outsize paperweight, I'm not only gonna put this on Page One. I'm gonna put it in Society, Sports, and Letters to the Editor! So long, Pal! See you in the papers!

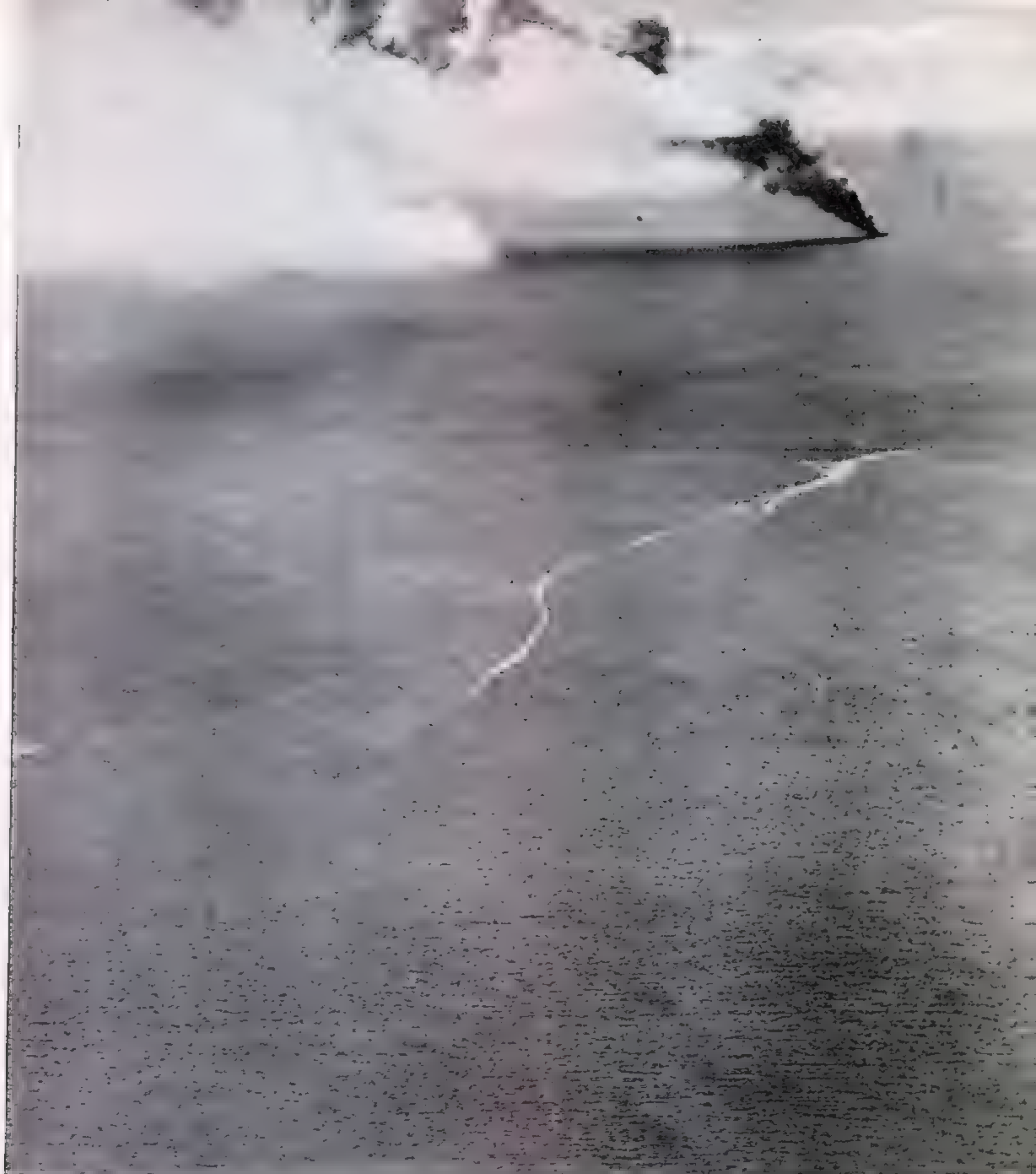
Paul Jones

A blend of straight whiskies—90 proof.



*The very best buy
is the whiskey that's dry*

Frankfort Distilleries, Inc., Louisville & Baltimore



OIL SLICKS AND SMOKE OF BURNING SHIPS OVERHANG THE TROPIC WATERS OF THE BISMARCK SEA ON LAST DAY OF THE EPIC ALLIED ATTACK ON JAPANESE INVASION CONVOY

BISMARCK SEA

Air views show great battle which cost Japs 22 ships and 15,000 men

These are official air photographs of the great battle of the Bismarck Sea in which Allied planes destroyed to the last ship, and almost to the last man, a Japanese fleet bound for Lae. The enemy was first spotted by a reconnaissance plane on March 1, nosing westward along New Britain through mists and rain. To smash it, the Allied Air Command hurled its whole available force into the sky—American Fortresses, B-25's, A-20's, P-38's, P-39's and P-40's, and R. A. A. F. Beauforts, Bostons and Beaufighters.

For the next 48 hours they plastered the approach-

ing flotilla in a succession of tumultuous assaults that swept in from every angle and every altitude. One by one the Jap ships burst into flame, exploded and sank. The warm sea was filled with the creaming wakes of doomed vessels fearfully trying to escape the rain of bombs. The sky was filled with the turbulence of fierce air battles between onswEEPing Allied planes and defending Jap Zeros. By the evening of March 3 it was all over. At the bottom of the Bismarck Sea, according to official communiques, lay 12 transports, 10 warships and 15,000 drowned Japs.

If you're slated for action like this



AIR-RAID WARDENING is a mighty important job—whether we get bombed or not. If we do, the training you get will be invaluable. If you become an air-raid warden, even a test alert will give you plenty of action, so...

You'll want to be dressed like this



BECAUSE—Munsingwear SKIT-Shirts and SKIT-Trunks are made for men of action. They stretch when you stretch. They return to normal when you do. The supporter feature in the SKIT-Trunks is restful and protective. They're the only shorts of their kind with the STRETCHY-SEAT.

It's MUNSINGWEAR

The only underwear with the **STRETCHY-SEAT**

Just look for the **MUNSINGWEAR** label
REG. U. S. PAT. OFF.

MUNSINGWEAR, INC. • MINNEAPOLIS • NEW YORK • CHICAGO • LOS ANGELES

Bismarck Sea (continued)



Burning furiously amidships, a Jap freighter loses headway after strafing and skip-bombing attacks. Note virtual absence of wake. Two bombs from altitude are bursting out of damage range astern. Landing craft are visible forward of the deckhouse.

CONTINUED ON PAGE 31

Facts below* are reported by impartial dental authority not concerned with promoting—or attacking—any dentifrice.

CAREFUL PEOPLE LIKE YOU_ MAY DAMAGE THEIR TEETH MOST!

TEETH SCRUBBED MOST WITH POPULAR DENTIFRICES, WERE HARMED MOST—SCIENCE FOUND



See that cavity?



Brushing did it!

8 in 10 Run Risks Using Popular Dentifrices — Dental Authority Reported

*Recent studies at a leading Research Foundation Clinic disclosed this startling evidence: First, 58% of all adults examined had these cavities in softer parts of teeth (exposed by receding gums)—cavities ground-in by abrasives contained in the popular dentifrices they regularly used. Second, the worst of these ground-in cavities were found in teeth cleaned most regularly. Third, 8 in 10 run this risk constantly. —(Summarized from report in authoritative dental journal)

...but Teel protects beauty!

THAT little picture of a tooth (above) and the report beside it tell you a story that isn't pretty. Researchers found, for example, that they could spot a right-handed brusher—or a "south-paw"—just by these scoured-in cavities.

Right-handed people got the deepest cavities in teeth on the left side—where they naturally brushed the hardest. And—the opposite, with "lefties"!

Which proves *this*: the more faithfully you scour your teeth with popular dentifrices... the *more damage you risk!* Slowly grinding-in cavities... which may need filling!

Contrast that with the safety of TEEL Liquid Dentifrice. TEEL protects teeth because it's the *only* leading dentifrice to clean *without abrasives*.

Try the new TEEL Way. See how quickly your teeth look their prettiest—simply by brushing with TEEL twice daily—and for one extra minute a week, brushing with TEEL and plain baking soda. You'll like TEEL's taste. Delightfully refreshing. Get some today. There's beauty in every drop.

HERE'S ALL YOU DO

1. Brush your teeth every day —thoroughly with TEEL. A few drops on dry or moistened brush. Feel it clean!
2. Once a week brush teeth with plain baking soda on brush moistened with TEEL. Brush at least an extra minute.

THIS NEW TEEL WAY CLEANS AND BRIGHTENS TEETH... LEAVES MOUTH DELIGHTFULLY CLEAN AND REFRESHED.



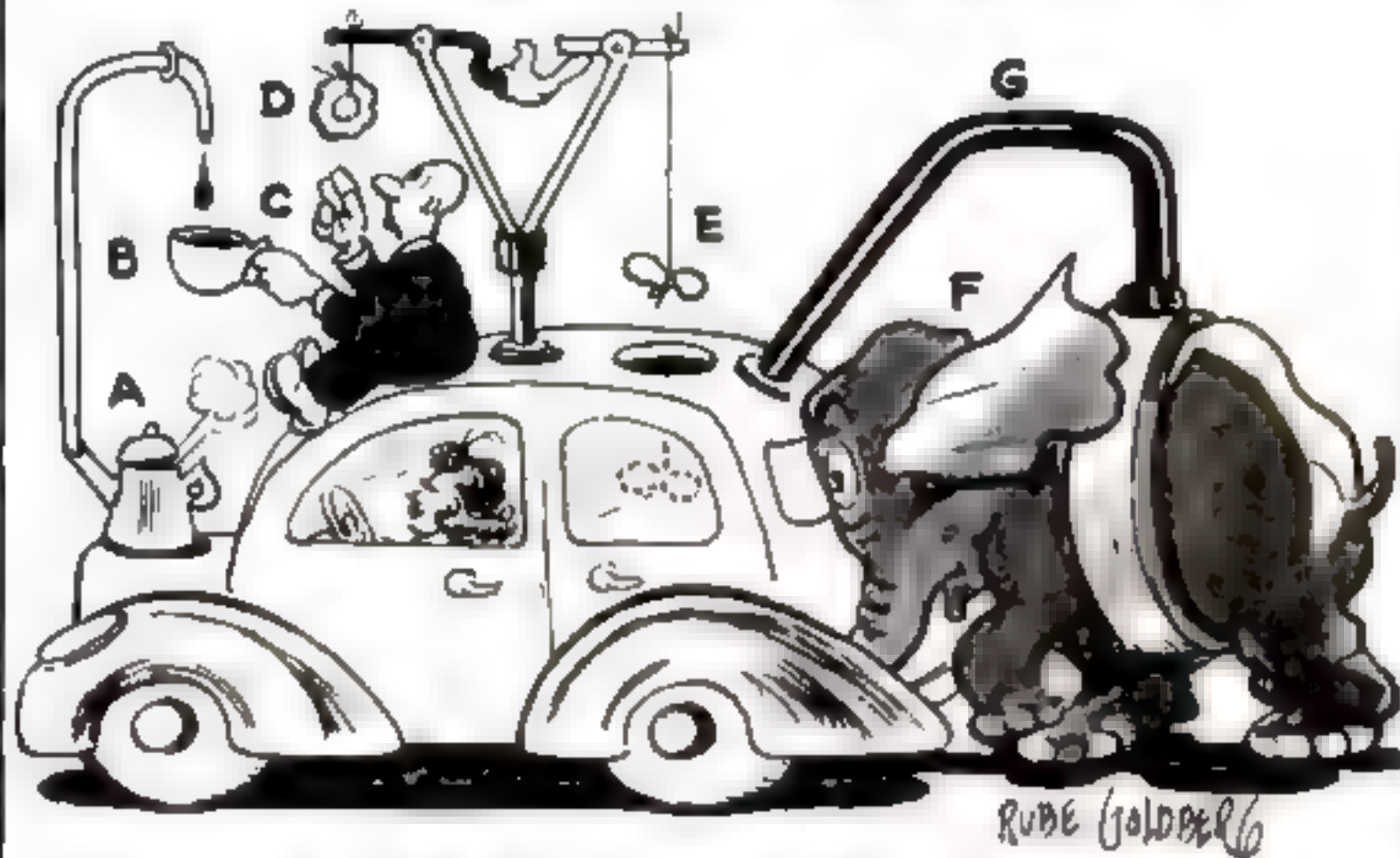
TEEL COMES IN A BOTTLE
—NO BOTHER WITH TUBES

Teel protects teeth_ Beautifully!

LIQUID DENTIFRICE

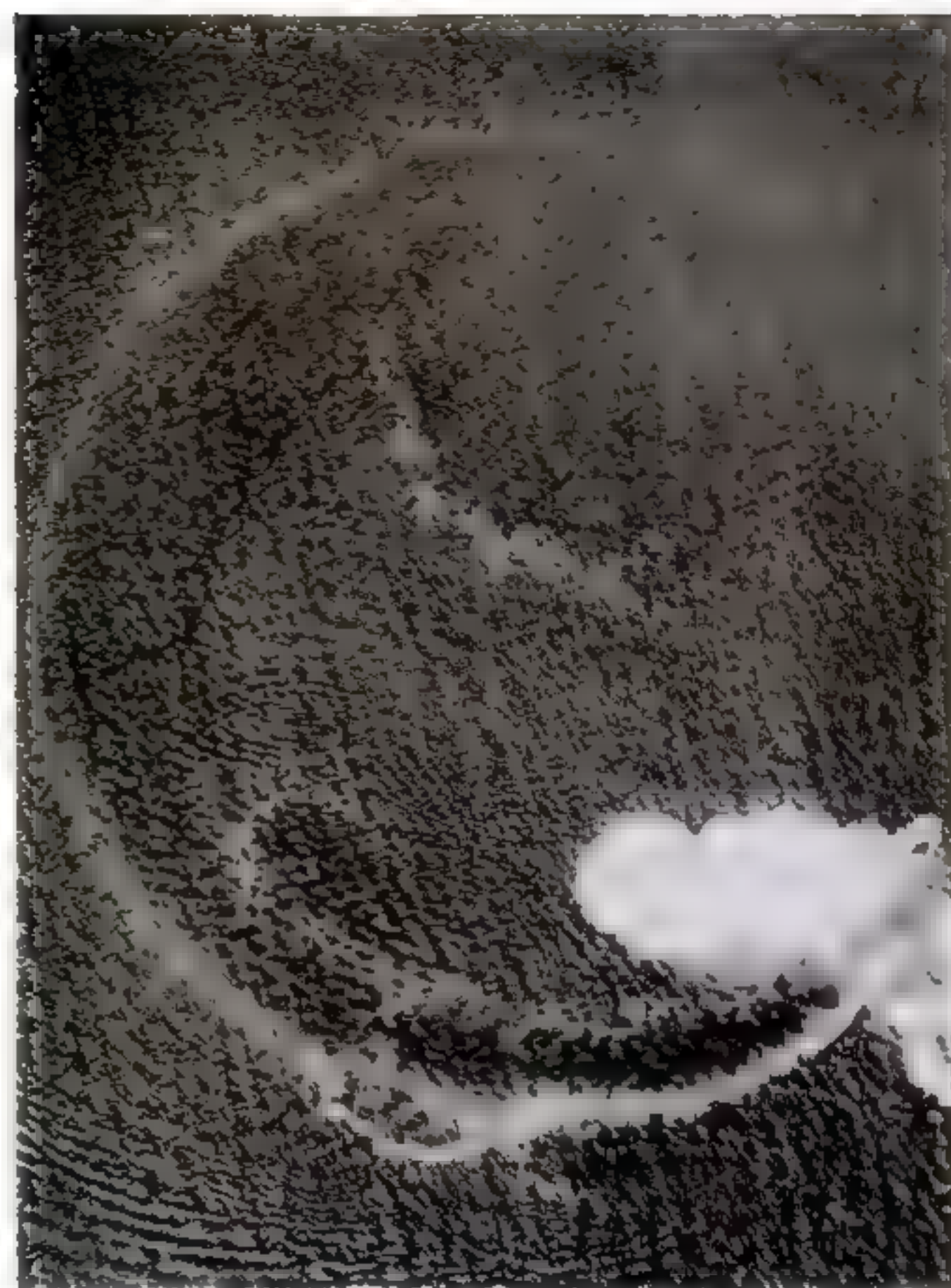
SAVING GAS?

HERE'S RUBE GOLDBERG'S ADVICE

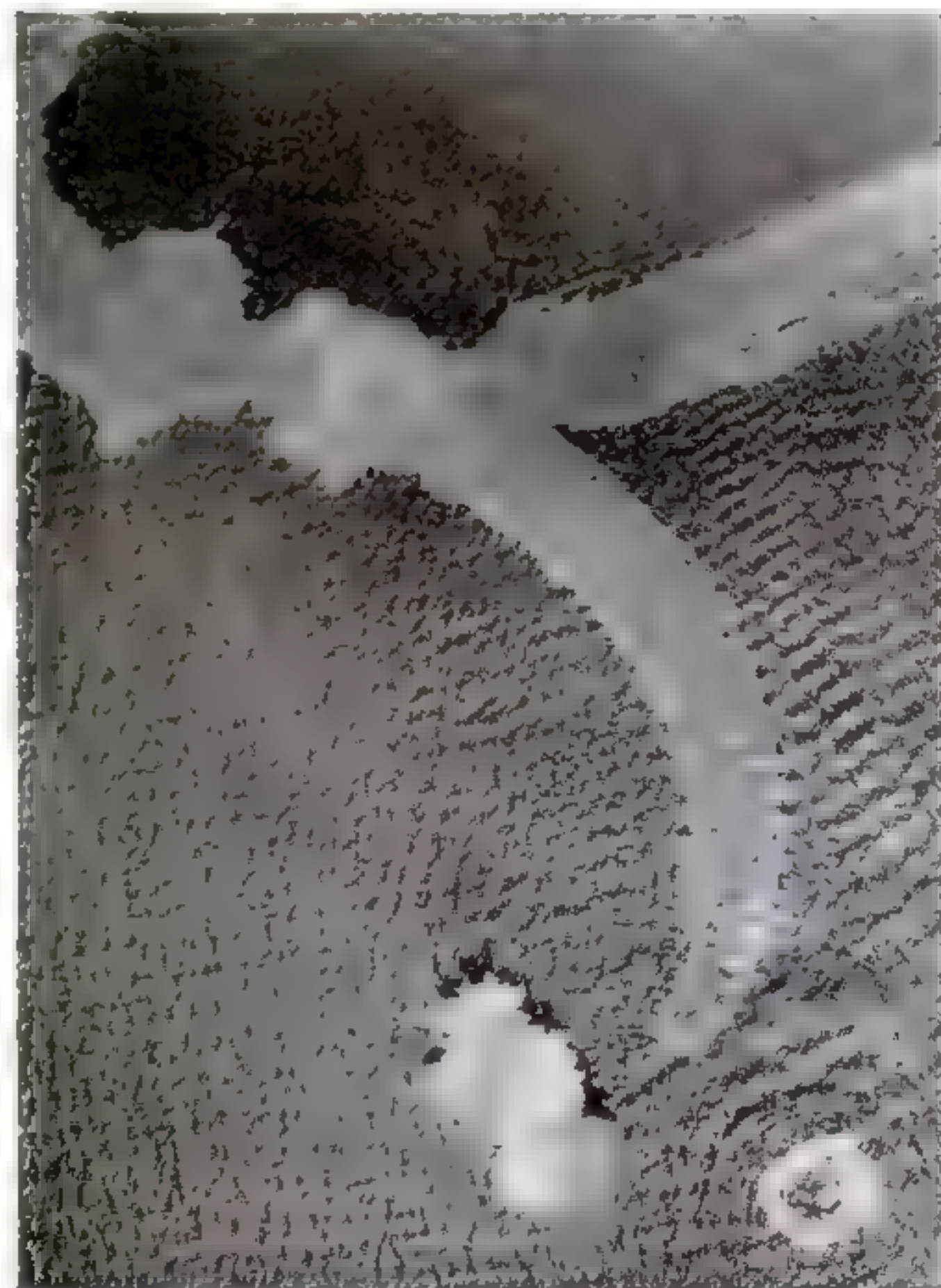


COFFEE IN POT (A), COOKING ON RADIATOR, DRIPS INTO CUP (B) — PASSENGER (C) REACHES TO DUNK DOUGHNUT (D), LOWERING PEANUT (E) INSIDE CAR — ELEPHANT (F), SEEING PEANUT THROUGH REAR WINDOW, STARTS AFTER IT, MOVING CAR WITH HEAVY ROD (G) — YOU HAVE TO GET A NEW ELEPHANT FOR THE NEXT TRIP BECAUSE, ONCE YOU FOOL HIM, AN ELEPHANT NEVER FORGETS.

Bismarck Sea (continued)



A Jap destroyer with damaged bow takes violent evasive action as Allied planes unload bombs. Her wake shows that she has made a more than 180° turn. Three bombs, the last a close miss that has thrown water on deck, are exploding on the port beam.



Trailing a heavy oil slick another big Japanese destroyer dodges to starboard and heads squarely into an exploding stick of three bombs. The near miss to port is out of damage range, but the bursts developing may be close enough to do some damage.



Tires continually lose air, whether you drive or not. To get maximum mileage, experts now advise inflating all tires to 32 pounds, allowing for some leakage without wear-producing underinflation.

DON'T NEGLECT "FORGOTTEN PARTS" Write today for "How to Keep Your Car Alive"—16 pages of facts and illustrations that will help keep your car running better, longer and with less trouble. Address Dept. AL, The Pennzoil Co., Oil City, Pennsylvania.

OIL IS AMMUNITION—USE IT WISELY

Yes, Motor Oil CAN Save Gas!

When valves, pistons and piston rings are clean, they seal in power to give you top gas mileage. When they are fouled with sludge, varnish and carbon, your engine wastes fuel. A motor oil that resists these deposits is bound to save gasoline.

PennZoil is refined especially to keep engines clean and well lubricated. Many PennZoil users have found their motors still clean and efficient after 50, 75, even 100 thousand miles!

To keep your car easy on gas, get PennZoil at the yellow oval sign. Just be sure to sound your Z!



*Registered Trade mark

Member Penn. State Credit Oil Ass'n. Penna. Sta. 1

PENNZOIL® GIVES YOUR ENGINE AN EXTRA MARGIN OF SAFETY.

Bottoms Up!

The best parties serve Carnation!



Babies—and their doctors—know it! Millions of our best citizens got their start on a Carnation formula served up in a bottle.

Then isn't it queer, when bottle days are over, that any smart mother *changes* from this pure, safe and nourishing milk? Especially when it has all the precious milk solids plus *extra* "sunshine" vitamin D. And it's homogenized to make all its goodness more readily assimilated.

Carnation is grand—on fruits and cereals . . . in cooked foods and frozen desserts . . . and to *drink*, at any age. Just chill thoroughly and mix it half and half with cold water. Fine enough for a party!

Children raised on Carnation smack their lips over its familiar taste. A taste slightly different from milk in its ordinary form, due to the heat of sterilization which causes a flavor-change in the natural milk sugar. A pleasant change that you know is the *safety* taste.

Children—and grownups, too—who are new to Carnation quickly learn to love that taste. Try it soon—in your own family.



BUTTERSCOTCH BREAD PUDDING

(page 34, "Growing Up With Milk")

2 cups bread crumbs	1/4 cup melted butter
2 cups Carnation Milk, diluted with 2 cups water	2 eggs, slightly beaten
1/2 cup brown sugar	1/2 teaspoon salt
	1 teaspoon vanilla

Combine ingredients and bake in buttered casserole in moderate oven of 325° F. for 1 hour. Serve with Carnation Milk, undiluted. Serves 6.

FREE! And wonderful for Victory Meals! Milk-rich recipes, menus and milk drinks for all ages. Send for "Growing Up With Milk"—a big, illustrated book every mother will find helpful. Address Carnation Company, Dept. L21, Milwaukee, Wis., or Toronto, Ont., Can.



IRRADIATED
Carnation
"FROM CONTENTED



Milk
COWS"



TUNE IN THE CARNATION "CONTENTED HOUR" MONDAY EVENINGS, NBC NETWORK



Stars and a Great Love Story!



Through the doors of the most famous canteen in the world pass the armed forces of all the United Nations where they are entertained nightly by the most famous personalities of stage, screen and radio.

Here they find laughter, comradeship and gaiety . . . and dance to music by their favorite big-name bands. Here, too, they find romance . . . while a constant panorama of wonderful entertainment unfolds before their happy eyes.

STAGE DOOR CANTEEN brings you 48 great stars—6 big-name bands . . . and a poignant and indescribably tender story of a soldier's love in wartime . . . when hours must take the place of years.

SOL LESSER
presents

Stage Door Canteen

Produced by SOL LESSER
DIRECTED BY FRANK BORZAGE
Screen play by DELMAR DAVES

A FRANK BORZAGE Production • Released thru United Artists

PLUS 6 NAME BANDS!

KAY KYSER • FREDDY MARTIN
COUNT BASIE • BENNY GOODMAN
XAVIER CUGAT • GUY LOMBARDO





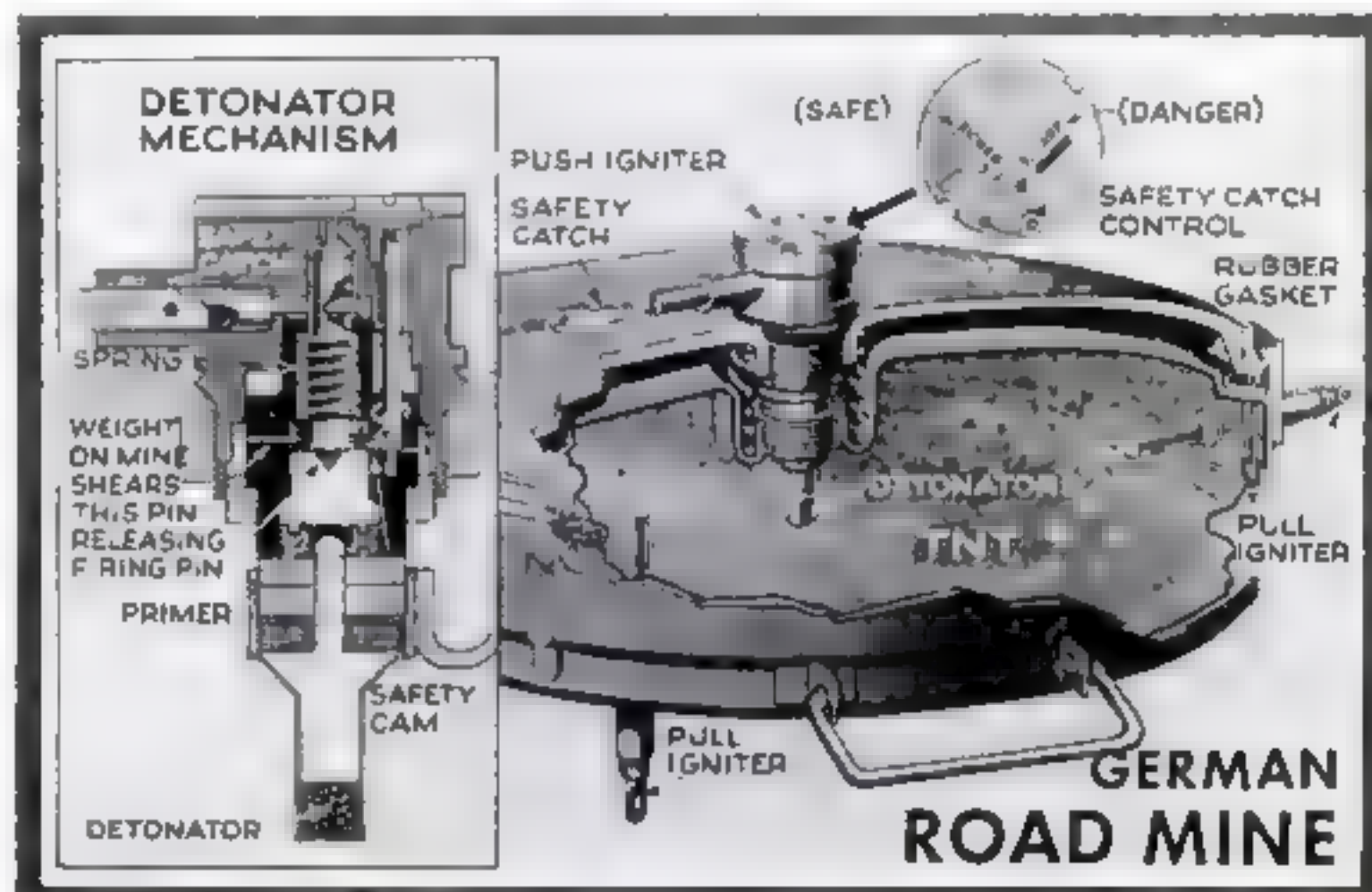
A GERMAN ROAD ANTI-TANK MINE IS CAREFULLY LIFTED BY TWO U.S. ENGINEERS. UNDER TOP MINE IS ANOTHER MINE, DESIGNED TO EXPLODE WHEN TOP MINE IS LIFTED

LAND MINES

To date in World War II many thousands of men have been killed by land mines. Between the Allied armies in Africa and the ports of Tunis and Bizerte stand millions and millions of these mines, sometimes planted as densely as 5,000 in a field 400 by 750 yd.

On these pages are diagrams of the principal types of German and Italian land mines and drawings of how Allied engineers eliminate them. Generally these mines are divided into two types—anti-tank and anti-personnel. The anti-tank mine contains as much as 13 lb. of TNT and may blow the treads off a tank or rip open its belly. The anti-personnel mine contains about 2 lb. of TNT and, in addition to killing all men within a radius of several yards, is effective as a psychological weapon designed to induce mass terror among inexperienced troops.

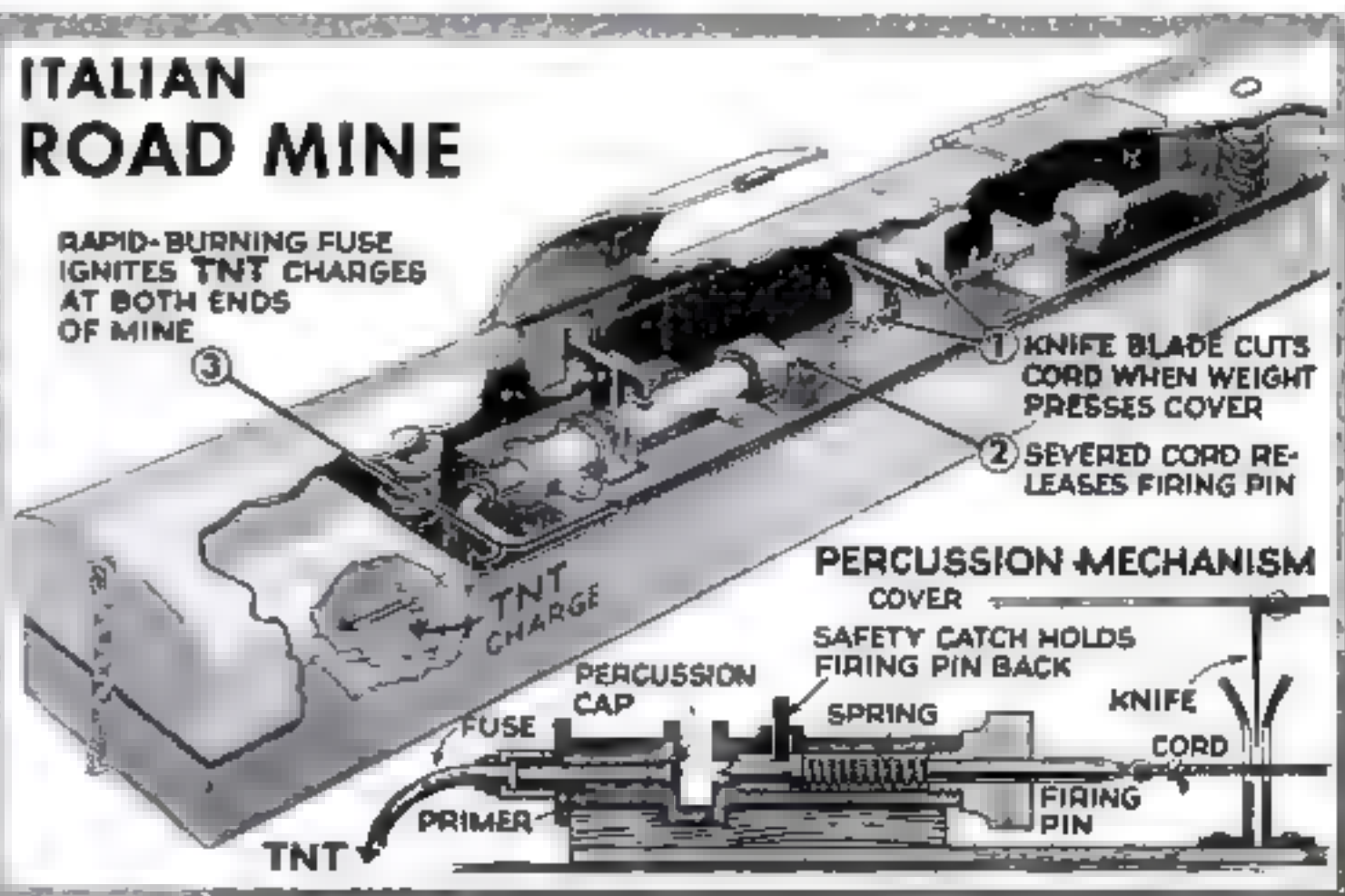
Removal of land mines is an incredibly dangerous job. Most armies have automatic mine detectors (working on an electromagnetic circuit and creating a buzz when held over a mine), but the engineers still find the poke and prod method with a sharp instrument the most effective.



German anti-tank mine can be detonated by pressure or by pull. Usually it is set only a fraction of an inch underground, covered with earth. It is exploded by a tank pushing down on push igniter.



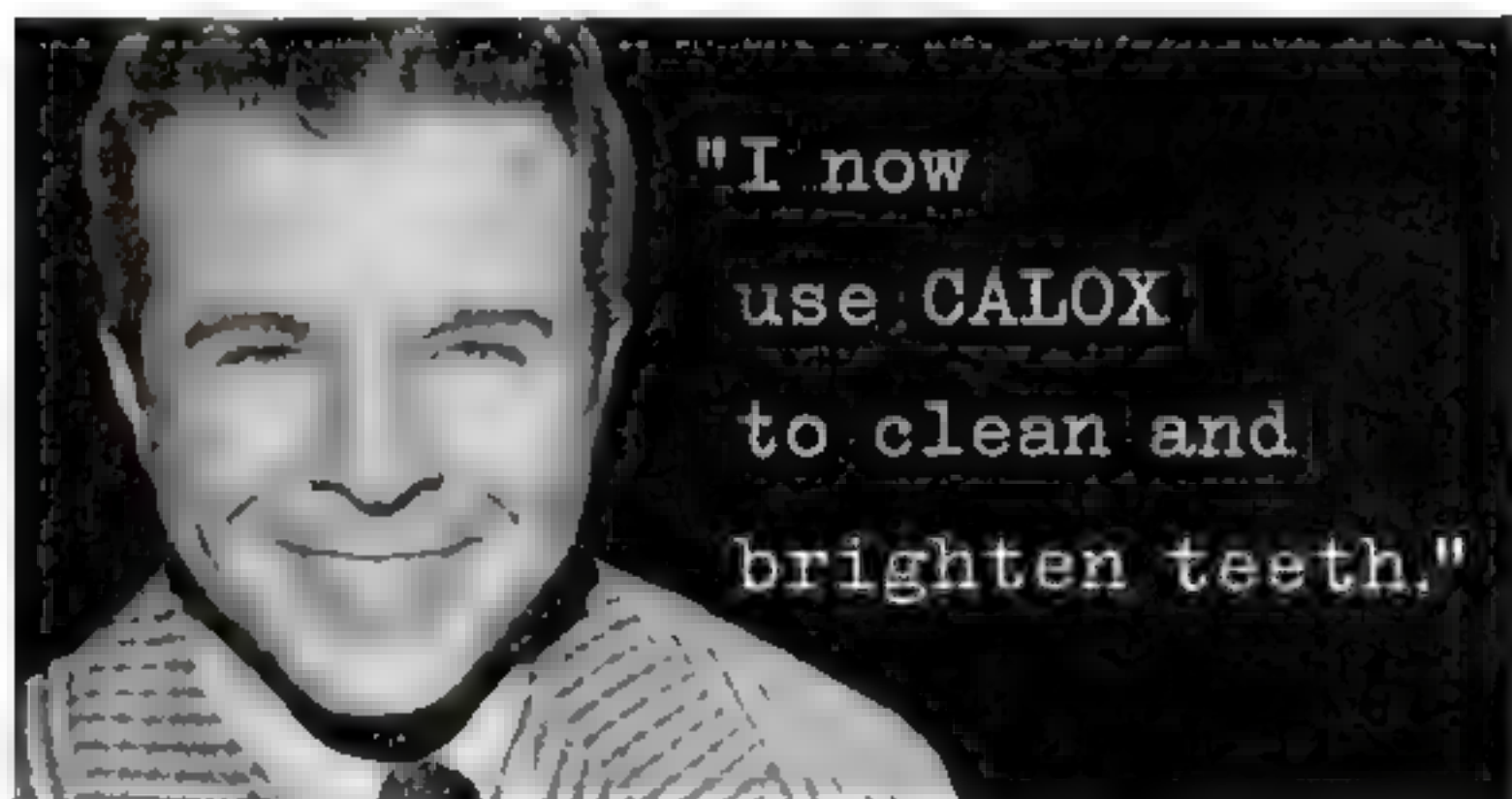
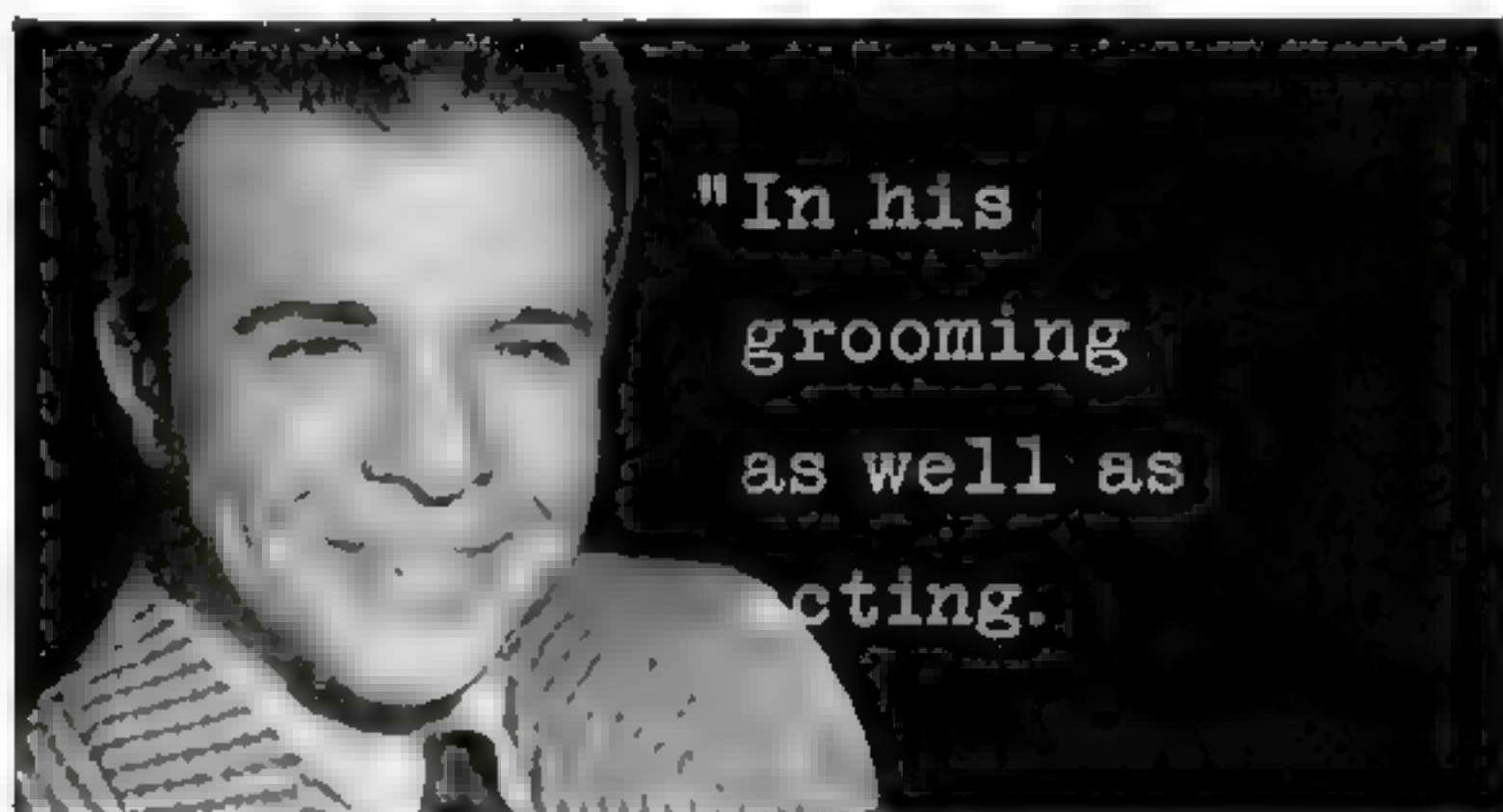
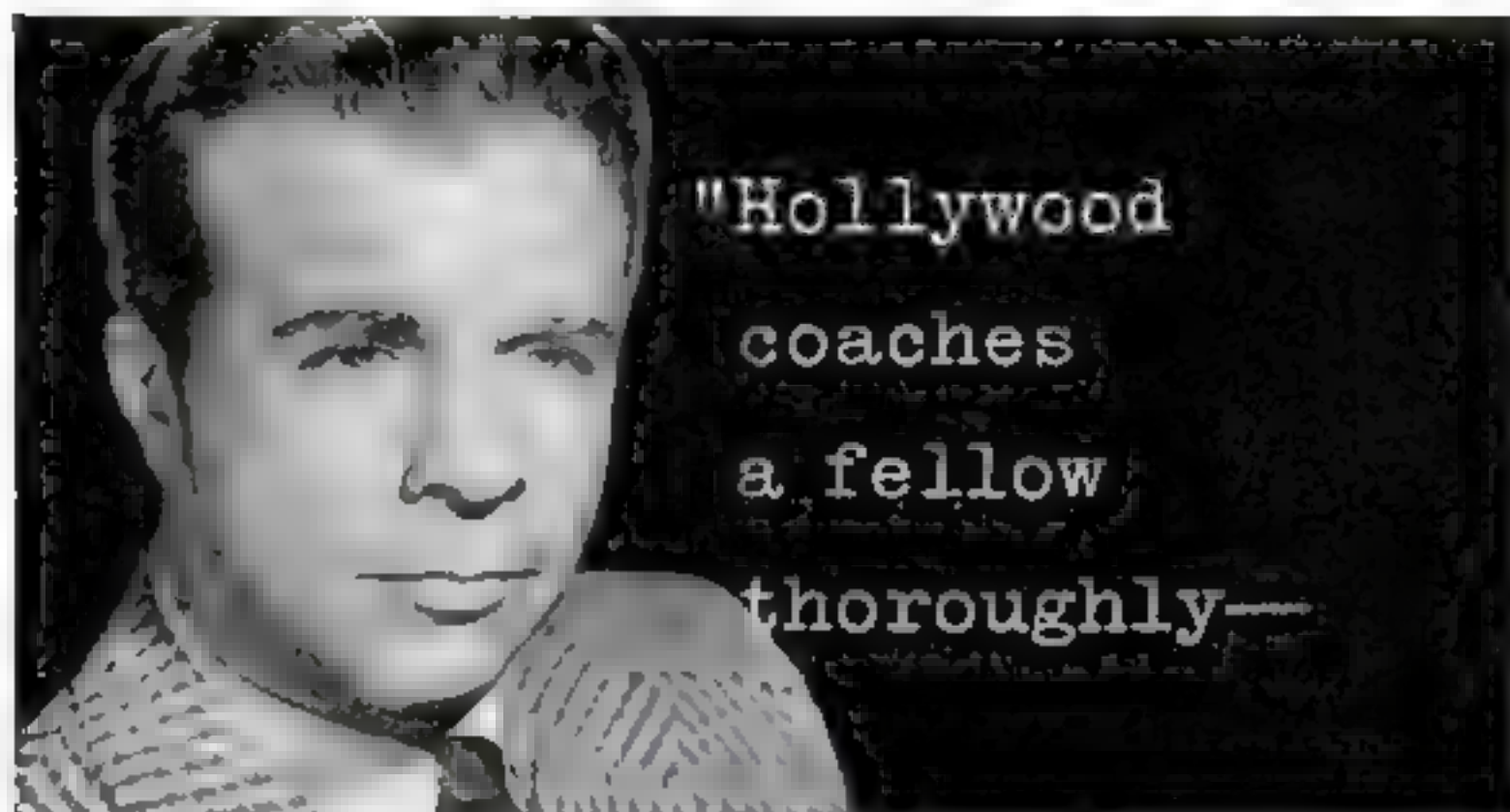
A long Italian anti-tank mine is lifted from earth, while another U. S. engineer goes over the ground with a mine detector. Once mines are detected, they must be dug up individually.



Italian anti-tank mine contains TNT charges in both ends. It is about three ft. long and is set off by pressure on cover, which cuts a cord, releasing firing pin. This strikes percussion cap.

DICK POWELL speaking:

Star of Paramount's "HAPPY GO LUCKY" in Technicolor.



A dentist's dentifrice—

Calox was created by a dentist for persons who want the utmost sparkle and brilliance consistent with absolute safety. Look for these professional features:

1. Scrupulous cleansing. Your teeth have a notably clean feel after using Calox.
2. Unexcelled safety—even for problem teeth. Calox Powder is a miracle of delicacy.
3. Especially lustrous polishing.
4. No mouth-puckering, medicine taste. Contains no strong ingredients. Even children like the cool, clean flavor.
5. Made by McKesson & Robbins, Bridgeport, Conn.—a laboratory specializing in professional drugs.

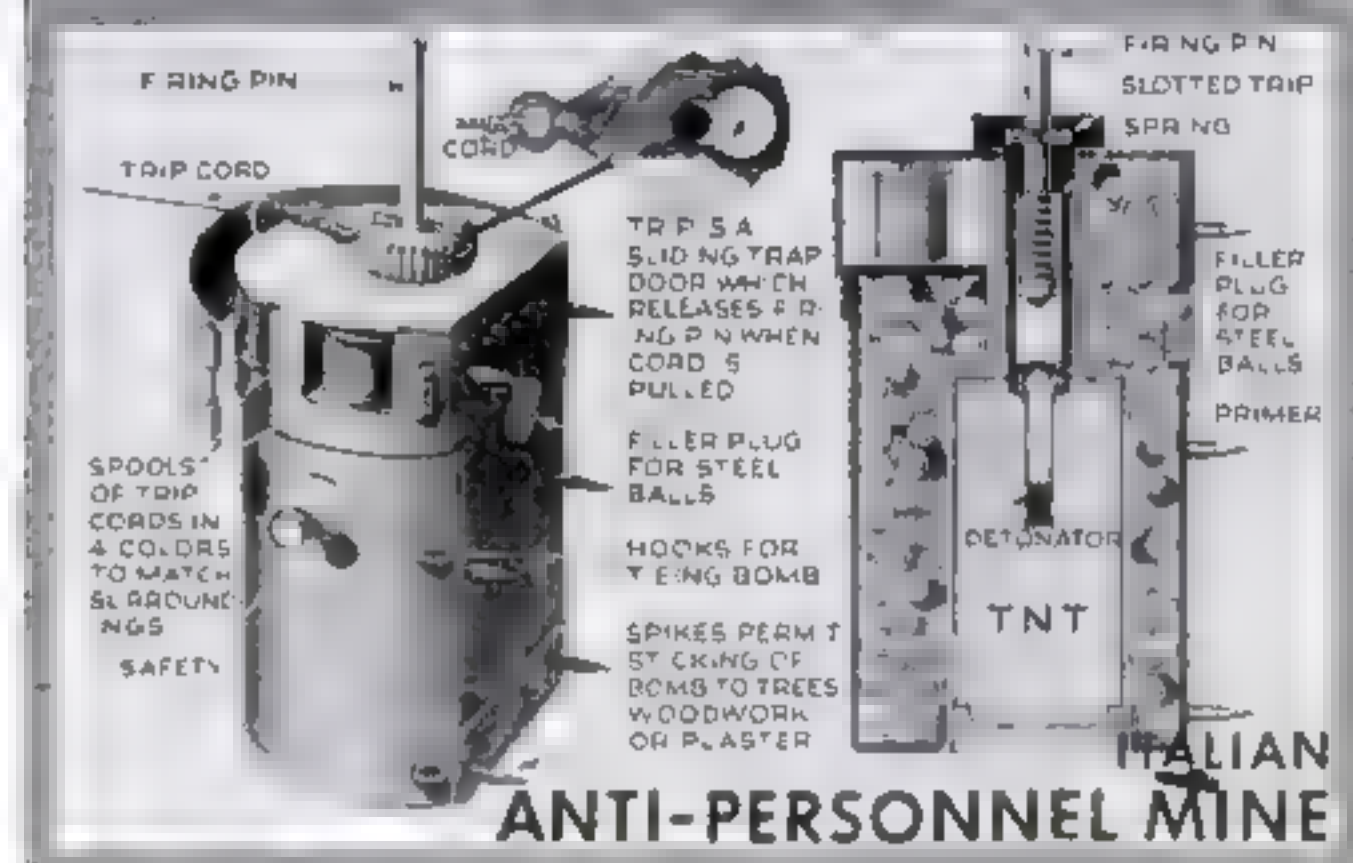
"and McKesson makes it"

OTHER FAMOUS MCKESSON PRODUCTS: BEXEL VITAMIN B CAPSULES, ALBOLINE CLEANSING CREAM, YODORA DEODORANT, SORETONE

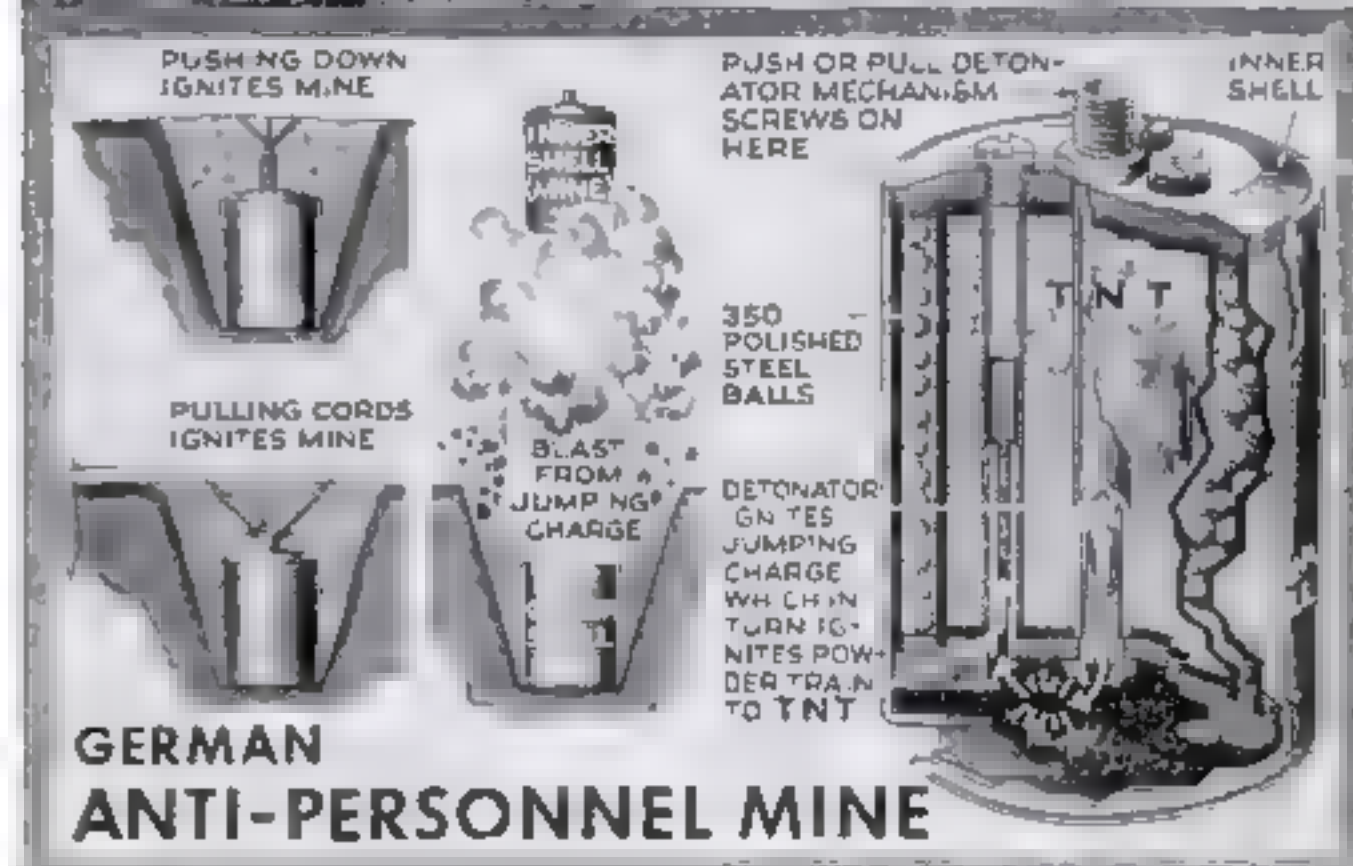
LAND MINES CONTINUED

PERSONNEL MINES

While advancing into territory recently held by enemy, Allied soldiers are instructed to touch nothing. The drawings below and on the next page show what may happen if they do. Binoculars, attached to a wire, set off an anti-personnel mine. Booby traps may be attached to windows, door-knobs or cabinets. Even bodies, picked up for burial, may set off mines.

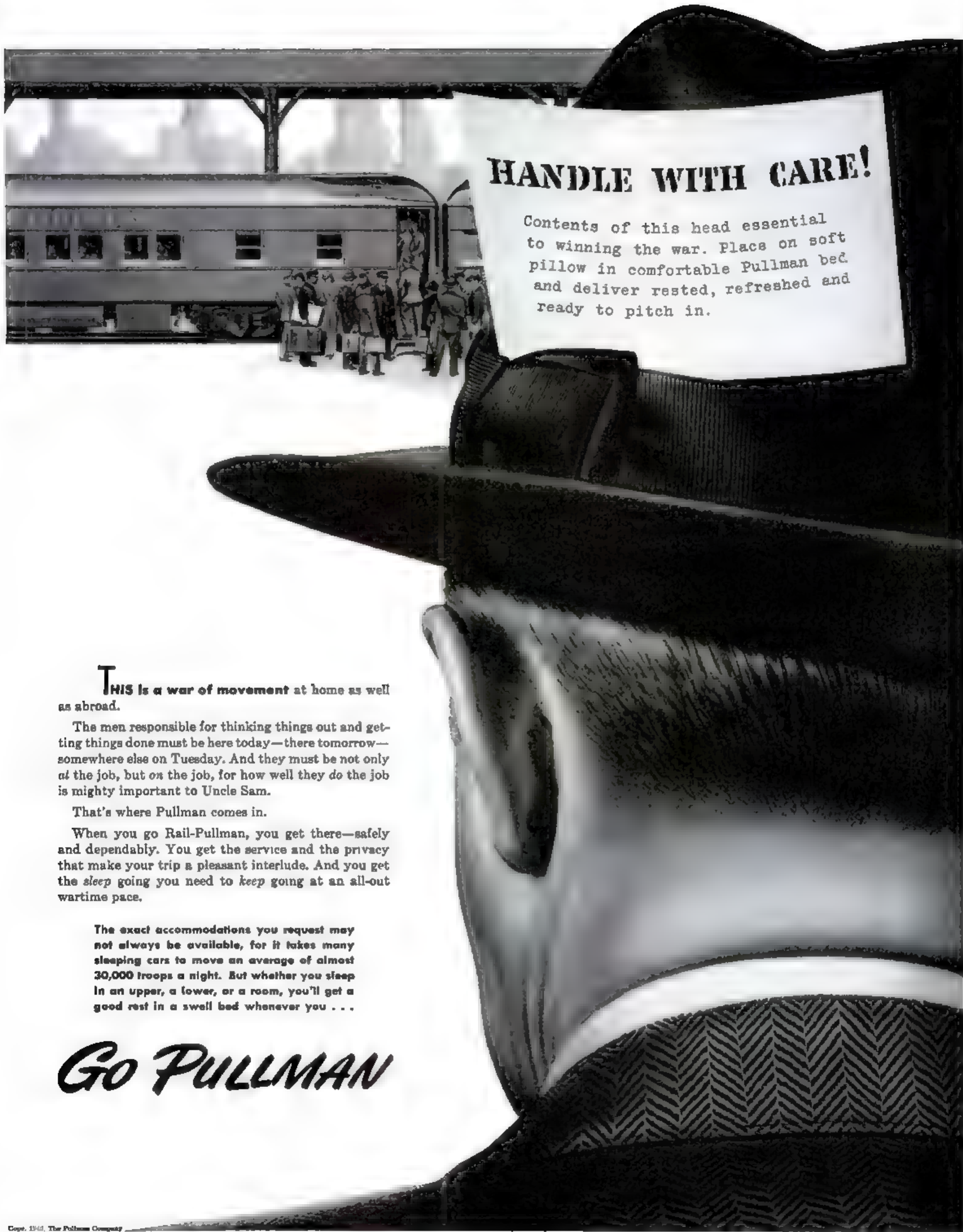


Enemy binoculars, picked up by too-curious soldier, who only wanted souvenir for his best girl, set off anti-personnel mine which kills soldier and anybody near him.



Especially terrible type of anti-personnel mine is this German mine which throws charge in air, where it explodes again, scattering deadly steel pellets for 200 yards.

CONTINUED ON PAGE 42



HANDLE WITH CARE!

Contents of this head essential to winning the war. Place on soft pillow in comfortable Pullman bed and deliver rested, refreshed and ready to pitch in.

THIS is a war of movement at home as well as abroad.

The men responsible for thinking things out and getting things done must be here today—there tomorrow—somewhere else on Tuesday. And they must be not only at the job, but on the job, for how well they do the job is mighty important to Uncle Sam.

That's where Pullman comes in.

When you go Rail-Pullman, you get there—safely and dependably. You get the service and the privacy that make your trip a pleasant interlude. And you get the sleep going you need to keep going at an all-out wartime pace.

The exact accommodations you request may not always be available, for it takes many sleeping cars to move an average of almost 30,000 troops a night. But whether you sleep in an upper, a lower, or a room, you'll get a good rest in a swell bed whenever you . . .

GO PULLMAN

LAND MINES CONTINUED



Poke and dig process with bayonets is still the best method for discovering mines. When poke locates mine, engineer must remove it without getting killed himself.



Mine detectors are valuable but cumbersome. They produce buzzing in ears when held over mine. This is drawn from photo of Russians clearing German minefield.



Machine guns and bombs from planes can be used to explode mines and blast a path through a minefield. Rommel did this first when he captured Tobruk in June 1942.



Swine or other animals can be driven through a minefield to explode mines. Another method of exploding mines is by using bangalore torpedoes, which look like pipes.

What's This Little Bostitch Staple Doing on Convoy "X"?

THE CARGO bristles with Bostitching (machine-applied stapling) drafted for the war... for SPEED!

Speed in shaping ammunition belts for our soldiers to feed their guns... in assembling plastic scabbards for their bayonets... in steel-stitching parts for planes and tanks they will ride... in linking portable landing fields and emergency roadways... in the equipment that protects their ships against magnetic mines... in hundreds of other applications newly created for war purposes... in thousands of applications regularly used on civilian products but now enrolled in war service!

These wartime uses are further evidences that "Bostitch fastens it better, and faster, with wire." Meeting war production challenges is also creating new and improved Bostitch tools and applications for future use... nearly 800 Bostitch models and types make possible the right combination of machine and staples for each particular job.

If you have the necessary priorities, find out *how* if Bostitching can help speed your production... if priorities are not available, investigate Bostitching *now* so that you can apply these advantages and improvements immediately to quick post-war adjustments and production. Bostitch (Boston Wire Stitcher Company) 85 Division Street, East Greenwich, R. I. Bostitch-Canada, Ltd., Montreal.



BOSTITCH

AND FASTER
fastens it better, with wire

ALL TYPES OF STAPLES APPLIED BY MACHINES
ALL TYPES OF MACHINES FOR APPLYING STAPLES



NINE men usually make up each crew of those big American bombers that fly so far and hit so hard — and cost a quarter-million.

Pilot, co-pilot, bombardier, navigator, engineer, radio man and three gunners are picked and put together as carefully as their plane — to form a superbly trained and co-ordinated team.

Read the home towns of a typical team, around the rim of the picture above. Here are *United States* in action. Here's a real *All-American* team!

Not just because of geography, either. You've got to be good to play on this team. Competition is tough. You're on your own. Doesn't matter who you are or where you're from. Pull won't

help. Only brains, ability and energy can make you the boss of a bomber.

That's the way the Air Force works — and the way America works. That's one of the big things we're all fighting for — the right to live our own lives and make our own careers — the opportunity to work and save and get ahead.

That system made Americans independent and made America strong. It encouraged invention and research. It built the big industries that are arming the United Nations for victory. It created the electric companies that power most of America's war plants and produce far more electricity than any nation has ever known before.

Let's make sure that our All-American teams find this same freedom of opportunity when they come back from the Big Game.

Let's hold fast to the system of business management under public regulation that has worked so long, so well.

★ BUYING BONDS IS ANOTHER WAY ★
★ TO BE AN ALL-AMERICAN! ★

THIS PAGE SPONSORED BY A GROUP OF 108
**ELECTRIC COMPANIES* UNDER
AMERICAN BUSINESS MANAGEMENT**

*Names on request from this magazine. Not listed for lack of space.

Clothes Saver!—Du Pont "ZELAN"

PROTECTIVE TREATMENT THAT DOESN'T COME OUT

**SHEDS
WATER**



**RESISTS
STAINS**



CLEANING DOESN'T SPOIL IT



U. S. soldiers wear field jackets treated with a durable water repellent. Buy sturdy cottons tagged "Zelan" and your clothes will be good soldiers, too! Durable "Zelan" makes fabric shed showers and splashes—resist non-oily spills, spots, perspiration. Even grape jam will cold-sponge away without staining. You get lasting weather protection *plus* a saving in tub time and wear.



LOOK FOR THE "ZELAN" TAG

when you buy rainwear, work clothes, sport clothes, and children's clothes.



BETTER THINGS FOR BETTER LIVING...THROUGH CHEMISTRY

LAND MINES CONTINUED



Booby trap is set off when window is opened. These booby traps have been scattered everywhere in territory from which Germans, Italians or Japanese have retreated.



Luger pistol, lying innocently on a desk, is picked up, sets off a booby trap. Such traps are set on half-opened doors, abandoned thermos bottles and even on shaving sticks.

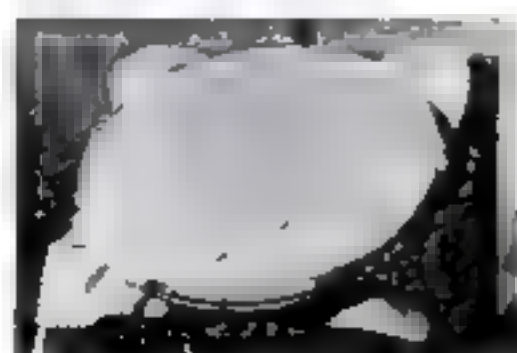


Filing cabinet is opened, setting off booby trap. One of Germans' common tricks is to mount trap on picture of Hitler. When Allied soldier takes it down, off goes trap.

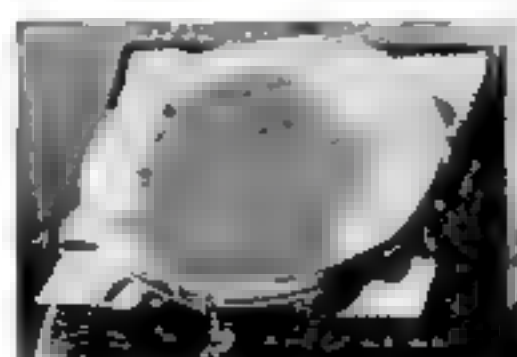


Chair is pulled away from desk, exploding booby trap. Such traps consist of a small charge of TNT and a detonating fuse, often connected to chair, door, cot by a wire.

ARMY SPRAY TEST PROVES "ZELAN" LASTS



Above: "Zelan"-treated poplin sheds water freely after three severe Army test launderings. "Zelan" protection lasts.



Above: The same fabric treated with an ordinary repellent. See how it soaks up water after only one test washing!

Conservation Note: If your garments are not treated with durable "Zelan," ask your cleaner or laundry to make them water repellent with Du Pont "Aridex."

"Meat Ashore!"



This is the way food is often landed for soldiers on far-flung shores. In places where harbor facilities are inadequate, boxes containing the Army's famous 5-1 ration (meat and other foods for five men for one day) are carried ashore by the tide. The crescent is the international symbol for food.



"AQUA PACK" DELIVERY

The "Aqua Pack" is a newly developed water-resistant container which is put overboard and beached by the tide. This is just one of the many ways in which the meat industry helps to "deliver the goods" in wartime.

Good American meat fills the holds of ships. Good American meat is carried over snow-topped mountain ranges, dropped in parachutes to isolated jungle fighters, packed across desert sands, floated ashore on faraway beaches.

It is the job of the meat industry, in cooperation with the U. S. Army Quartermaster Corps, to deliver the maximum available quantity of meat *when* it is needed and *where* it is needed.

We dare not fail. The armed forces are depending on us to supply our men with meat—for the nutritional essentials of meat* are as vital to victory as tanks, guns and planes.

The government is anxious to maintain adequate supplies of meat also for good

nutrition on the home front. This supply, of necessity, must be less. The available meats will not always be the kinds and cuts you prefer. Make the best of the situation—and, for nutrition's sake, make the most of the meat you can get. Meet your meat-man halfway. Accept cheerfully the cuts he has available. If they are unfamiliar, learn how to prepare them deliciously.

*And remember, any cut of meat provides complete high-quality proteins; B vitamins (thiamine, riboflavin, niacin); and minerals (iron, copper, phosphorus).

AMERICAN MEAT INSTITUTE, Chicago

This Seal means that all statements regarding nutrition made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.





CONVOYED by "The Invisible Crew"

TONIGHT, on the rolling seas off Halifax or Hatteras . . . convoys rendezvous — plunge into the darkness of Atlantic lifelines outward bound for the fighting fronts.

Eternally vigilant, the heroic crews of our Navy and Merchant Marine move men and munitions in ever-growing volume through storms and fogs and submarine "wolf packs" lurking beneath the waves. On every passage "The Invisible Crew" of "BENDIX MARINE" Instruments and Controls sails and fights with these men of the seas.

Engineered for convoy and combat service,

these modern precision instruments perform scores of vital functions. They carry commands — report operating conditions at strategic points aboard ship — measure speeds and distances accurately. When raiders strike, they give alarms, help locate targets, aim and fire guns.

In the air and on land as well as at sea, other members of "The Invisible Crew" of all "BENDIX" Equipment move into battle. Daily and hourly, Bendix craftsmen are turning out thousands of precision products for our Armed Forces engaged in every phase of our drive for Victory.

MARINE DIVISION

Back America's invincible crew . . . our fighters on every front. Buy War bonds and stamps regularly.

From coast to coast, 25 Bendix plants are speeding members of "The Invisible Crew" to world battle fronts.

THE INVISIBLE CREW

PRODUCED
COMPILED BY

Bendix
AVIATION CORPORATION

ABLE-BODIED SEAMEN of "THE INVISIBLE CREW"

Global war on the sea found Bendix-Marine ready with precision marine products rolling into mass production . . . and with advance marine engineering to solve complex problems for wartime convoys. The complete list of these able-bodied seamen of "The Invisible Crew" comprises such vital and varied equipment as: the Marine Log, Rudder and Steering System, the Salinity Indicating System, the Shaft Speed System, the Fire Alarm System, Ship's Telegraphs, Fire Control Switchboards, Target Systems and Marine "Autosyn" Units. In all, the Marine Division contributes 1800 different items to "The Invisible Crew."



JEAN ARTHUR, WHO HAS SUBLET HALF OF HER APARTMENT TO CHARLES COBURN, IS STARTLED TO HEAR HIM ASK IF SHE KEEPS A DIARY AS THEY CONVERSE THROUGH WALL

MOVIE OF THE WEEK:

The More the Merrier

It spoofs wartime Washington

The *More the Merrier* takes the housing shortage in overcrowded Washington and converts it into one of the season's most urbane satires. It is the story of a Government worker, Jean Arthur, whose patriotism prompts her to help relieve the housing shortage by subletting the spare room of her apartment. Although she wants a female tenant, she is compelled to accommodate an insistent industrialist, Charles Coburn. Preserving that Miss Arthur is lonely and needs a husband, the industrialist sets out to remedy this situation by subletting half of his room to a likely-looking aviation specialist, Joel McCrea. Much of the comedy arises from the con-

versations carried on by Miss Arthur and her two tenants through the wall that separates their bedrooms.

Best thing in the movie, however, is the exquisitely subtle love scene between Miss Arthur and McCrea, in the dark of a warm summer evening (she: "Are you afraid to get married, or something?" He: "No, but—a well—I—I don't want to get involved." She: "Well, a—They say that's what happens to a man when he gets married." The success of this scene is due primarily to the skill with which Miss Arthur handles her lines. At 35 she manages to express the shy, panicky ecstasy of first love more eloquently than any of her juniors.

In search of a room an aviation specialist named Joe Carter, Joel McCrea, shows up carrying a propeller. Dingle (Charles Coburn) rents him half of his room without permission from landlady.

Home after a day's work Connie is shocked to find a tall stranger emerging from her kitchen. When she learns that he is a second tenant, she orders him and Dingle out.



CONTINUED ON NEXT PAGE



A note of apology is handed by Joe to Connie. The day before, she surprised her tenants in the act of reading her diary, demanded that they vacate. The note and a gift from Joe make her relent, however, and he is permitted to remain two more nights.



Anxiously, Joe and Connie peer out the window, wait for a nearby clock to strike 8 p. m. If Charles J. Pendergast, Connie's toupeed fiance, has not phoned by this hour, she has agreed to go out with Joe. Joe's binoculars later get him in trouble with FBI.



The phone call from Pendergast (Richard Gaines, next to Connie) comes through, so she goes out to dinner with him. Presently Joe and Dingle show up at same night club. Dingle involves Pendergast in a business discussion and Connie and Joe are left alone.

HERE IT IS! THIS NEW
LISTERINE TOOTH POWDER
IN THE NEW WAR-
ECONOMY CONTAINER

LISTERINE
TOOTH
POWDER

10% More Powder
No Higher Price

DOUBLE STRENGTH
LAMBERT PHARMACAL CO., ST. LOUIS, MO.
NET WEIGHT 4.2 OUNCES

IT'S A NEW QUICK-FOAM
POWDER THAT GIVES REAL
WHIRLPOOL CLEANSING
-BOY, HOW IT POLISHES!



Returning from a phone call, Connie finds Joe a victim of the eight-women-to-one-man ratio of Washington. Skilfully she maneuvers him out of such predatory territory. It is on the way back to the apartment that their sensitive love scene occurs.



Through the bedroom wall, Joe asks Connie to marry him before he goes overseas as a technical sergeant. She declines because she feels that each would worry about the other. The rest of the night is spent at FBI headquarters explaining Joe's binoculars.



Joe and Connie fly south to get married when Dingle suggests it as only way to redeem her reputation which was jeopardized by FBI's discovery that she and Joe had same address. Joe walks through bedroom wall which Dingle has providently torn down.



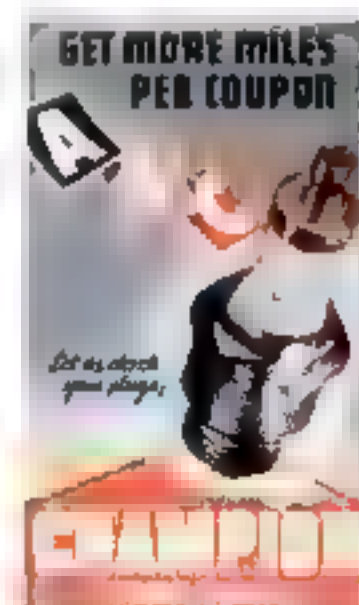
CHAMPION SPARK PLUGS

... provide the vital, life-giving sparks for many a fast, shifty, hard-hitting P. T. boat—the Navy's great little bantamweight champion with the heavyweight punch.



Bantamweight with a heavyweight's punch, the Navy's P. T. (Patrol Torpedo) boats are the hardest slugging ships for their size and weight that ever chased an enemy marauder into its very lair. Depending almost entirely upon speed for self-defense, the P. T. is crammed full of horsepower as responsive to throttle and as flexible in its range as your car. Because they appreciate the top-notch condition in which their engines must be maintained, the men who man and love these boats pay particular attention to spark plugs—insisting on absolute quality and rigid service inspection. You who must get the utmost economy and dependability from your car can do

no less. Today's lower speeds, lower octane gas, and generally curtailed automotive travel are causing oily and carbon deposits on spark plug insulators, which would normally be burned off at higher speeds. Engine performance and economy are impaired. That's why it's your patriotic duty to have them tested and cleaned at regular intervals. Your Champion dealer renders this service.



TO SAVE GASOLINE—KEEP YOUR SPARK PLUGS CLEAN



Sense of balance is regained by Sgt. James T. Good who suffered a bomb-splinter head wound. Loretta Helen Herman, head of Physiotherapy Department, helps him climb stairs.



In muscle-training gym, soldiers perform exercises for re-education of muscles. Walking on foot board at left is Sgt. Donald Heather of R. A. F.; soldier at wall ladder is recovering from shrapnel wound.

HALLORAN HOSPITAL

Army brings North Africa wounded home to the U.S. for treatment

Into splendid new Halloran General Hospital on Staten Island in New York harbor, 3,800 miles from the battlefield, the U. S. Army medical corps has moved the first casualties of the battle of North Africa. The wounded soldiers do not yet by any means fill all of Halloran's 1,500 beds, but they are enough to give weight to the warning that the U. S. must expect casualties. At Halloran, they are getting all the care that the full resources of medicine and surgery can

render in a home base hospital, and much sooner after the day of battle than the soldiers of World War I.

Halloran Hospital, originally projected as a New York State school for mentally deficient children, was taken over by U. S. Army Medical Corps last October. Its 83 buildings on a 384-acre tract are admirably equipped for medical treatment and complete rehabilitation. Shown on this page is some of the equipment of the hospital's impressive Physiotherapy Department.

Heliotherapy room administers ultraviolet and infrared treatments. Soldier here is under ultraviolet for toning up. Electrotherapy room has galvanic and diathermy equipment.



In Hubbard tub, Corporal Albert Paterson exercises leg recovering from fracture. Warm water flows limb and facilitates passive exercise of specific muscles. Tub is shaped to allow freedom for exercise.





Halloran Hospital's central building houses medical and surgical facilities. Col. Ralph G. De Voe, commanding officer, directed conversion and completion of the hospital.



Convalescents from orthopedic operations fill ward. Alternate head-to-foot arrangement of patients facilitates social arrangement. Note Red Cross visitor in background.



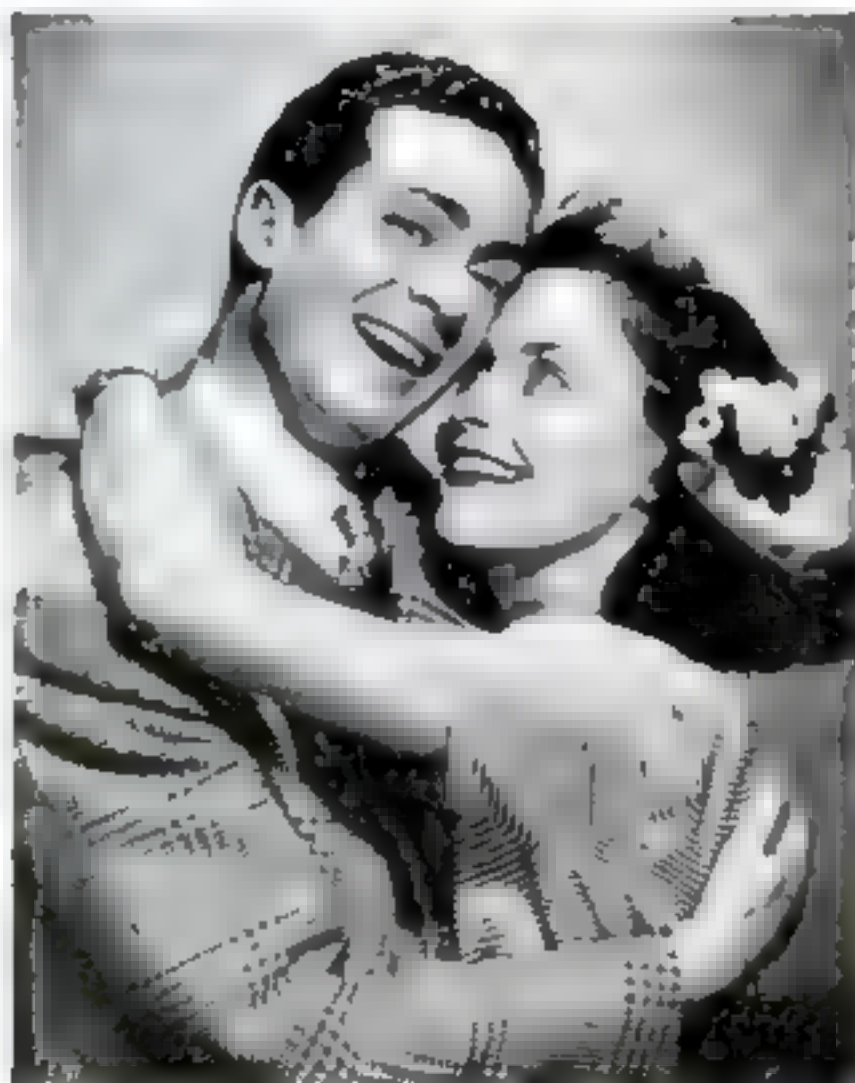
Hospital kitchen is this vast 202-ft. hall, with batteries of pressure cookers, soup kettles and 22 gas ranges. The kitchen is organized to produce all necessary special diets.

CONTINUED ON NEXT PAGE



◀ When she's got you like this...

and you'd rather be like this... ➡



◀ TRY THIS

Everybody's breath offends sometimes—after eating, drinking, or smoking. Let LIFE SAVERS save yours. Only 5¢.



◀ Today our armed forces are ordering more and more LIFE SAVERS. So...if you have trouble getting some favorite flavor... you will know that some soldier, sailor, or marine is enjoying it somewhere, someplace.

THE Perfect Hostess



From Furniture Gloss to Hand-Dipped Candles, Tavern Home Products are Aids to Gracious Entertaining!

TAVERN FURNITURE GLOSS—A creamy emulsion which quickly removes dust, grease and grime from furniture and woodwork. Leaves a protective and lustrous finish that does not attract or hold dust.

TAVERN CANDLES—The finest expression of the candle craftsman's art. These beautifully tapered, hand-dipped candles burn evenly, without flicker or fume. They come in many sizes and shades to fit your particular decorative scheme.

TAVERN LIQUID WAX—An ideal wax for all wood and linoleum floors, woodwork, venetian blinds, and enamel surfaces. It is easily polished to a rich, long-lasting lustre that resists water-spotting. Also comes in paste form as Tavern Paste Wax.

TAVERN PAINT CLEANER—Comes ready to use. Smudges and dirt quickly vanish with a few brisk strokes of the cloth. Tavern Paint Cleaner is non-caustic and non-inflammable. It won't harm your hands or dull the lustre of painted surfaces.



ALSO: Tavern Non-Rub Wax • Tavern Rug Cleaner
Tavern Lustre Cloth • Tavern Window Cleaner
Tavern Leather Preserver • Tavern Electric Motor Oil
Tavern Parowax or Paraseal Wax

TAVERN
home products



• BY SOCONY-VACUUM •

Halloran Hospital (continued)



Amputated leg is result of one of the many accidents of war that swell casualty lists beyond battlefield totals. Pfc. Walter P. Maculonis of Chicago came through first landing wave on Nov. 8 and then, on Jan. 24, was run over in Casablanca by a jeep.



Clipped by bullet, Staff Sgt. William C. Lloyd of West Orange, N. J. suffered a fractured jaw and lost lobe of ear. Wound was sustained in action against French at Port Lyautey. Jaw fracture has healed. Plastic surgery will give him new ear lobe.



In plaster body cast Corp. Wm. J. Keise of Pittsburgh is recovering from fractured thighbone and fractured knee caps. Fractured elbow, sustained in same accident, has healed and been taken out of cast. He fell off roof while on guard duty in Africa.

G-E Wartime Lighting Suggestions . . .



1 Clean your way to more light. Rub a damp, soapy rag over the G-E MAZDA lamp bulbs (unlighted) and reflector bowl of reading lamps, and you'll add 25% to 30% to your light.

2 Keep shade linings light. Brush silks shades frequently. Repaint the inside of parchment shades or reline 'em with white paper. You'll get more light to help you see better.

3 Turn off lamps you are not using. This simple flip of the wrist will make your G-E MAZDA lamp bulbs last longer, thus helping to conserve critical materials used in lamps.

4 Let two read by the light of one. Arrange your lamps and furniture so each lamp can, if necessary, serve two or more people. You'll conserve light and sight.

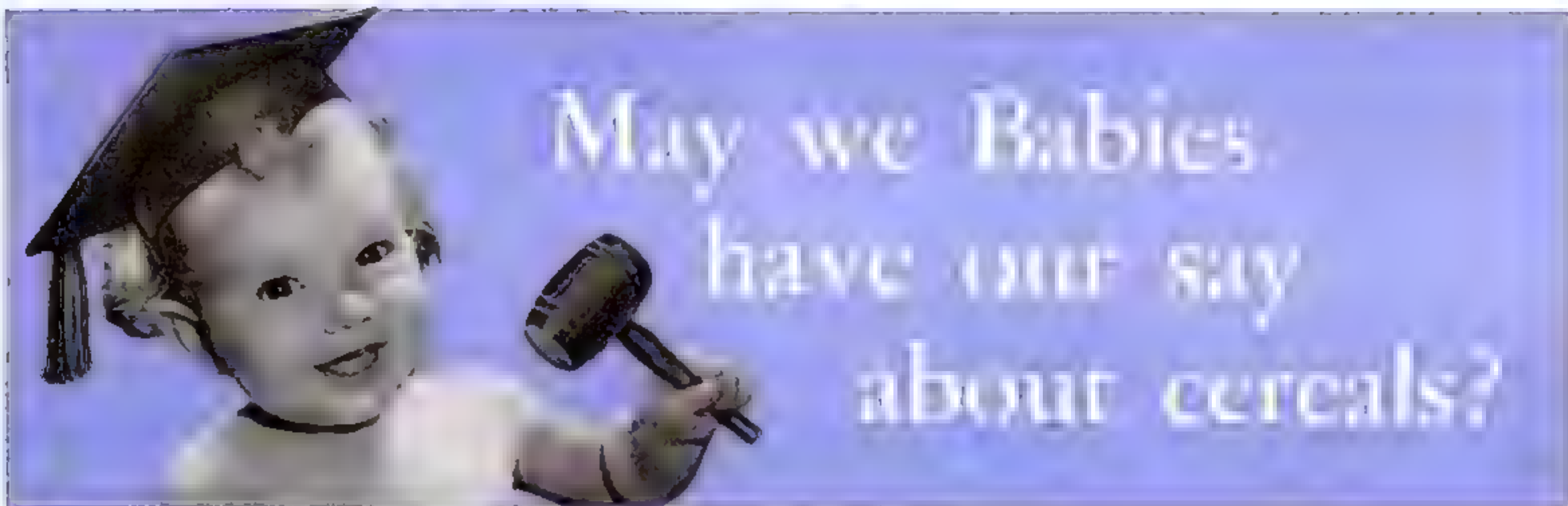
5 Move your lamp nearer and get more help from it. A few inches farther away may mean 50% less light. But be sure shades are deep enough to shield eyes from direct glare.

6 Have your eyes examined by a competent eyesight specialist. While good light does make seeing decidedly easier, it does not correct eye defects.

G-E MAZDA LAMPS

GENERAL  ELECTRIC





We're taking the stand with a message for every mother



No lumps, please!

Forgive me if I sound a little crude! I don't like lumps in my cereal! I like to have a smooth, creamy consistency. That's why we stick to Gerber's cereals at our house. After all, it is our first food after milk, and you can understand we like our cereal liquid-smooth and creamy.



Iron? Vitamin B₁? Yes, Ma'm!

Now, I haven't seen a vitamin as long as I have been here. And I don't know that I have ever seen "iron." But I know every baby needs them! Strangely enough, the usual diet lacks both. So, naturally, Gerber's adds them to both the Cereal Food and Strained Oatmeal. Smart business, I'd say.

Why I'm a two cereal baby!

There's nothing like a variety, I say. Even a change from something good to something just as good. Mother's kind of smart, so she alternates between the two Gerber cereals. The Cereal Food is made from wheat with added wheat germ. The other cereal is Strained Oatmeal. Both are pre-cooked, ready-to-serve. Just add milk or formula.



I'm not much on milk

Mother says I haven't been getting my full quota of milk. Don't know what the trouble was, but that clever mother of mine figured out a way to fix it. You see both cereals come in tiny, dry flake form, and require lots of milk for mixing. So that's how I get my milk now.



Thank you all so much.
Now I know why my doctor
is so strong for Gerber's.



When to start cereals

Now, take me. I just got my first taste of cereal recently. Other babies start earlier, some later. It all depends. Better ask the doctor about yours. He knows! You might mention at the same time that you would like his opinion about Gerber cereals.



Send for samples
of both Gerber Cereals

NATIONAL BABY WEEK—MAY 1st-MAY 8th INCLUSIVE

These two cereals were developed for my own babies under the guidance of dietitians specializing in infant nutrition. So, as a mother of five, I think I can promise you they will meet with your baby's approval.

Mrs. Dean Gerber



Gerber's

Gerber Products Co.
Dept. LF5,
Fremont, Mich.

Gentlemen:

You may send complimentary samples of Gerber's Cereal Food and Gerber's Strained Oatmeal to the following address:

NAME _____

ADDRESS _____

CITY _____ STATE _____



CLOSE-UP



AT THE RIBAMBRA FRANK SINATRA, WITH HAIR MUSSSED AND SHIRTFRONT BULGING, SINGS "AS TIME GOES BY" INTO THE MICROPHONE. IT IS HIS MOST POPULAR NUMBER

FRANK SINATRA

"Bedroom singer" from Hoboken rose from 70¢ to \$2,500 a week through voice that makes women swoon

by GEORGE FRAZIER

Frank Sinatra, a gaunt, 25-year-old resident of Hasbrouck Heights, N. J., is what tired press agents refer to as the current singing sensation. His fans, who are tireless, have become so bold as to announce flatly that he is the new Bing Crosby. Inasmuch as there appears to be nothing wrong with the old Bing Crosby, this is a little perplexing. But Sinatra fans are a breed apart. The result of their purposeful worship is that in

this, his first year as a solo attraction, Sinatra will earn approximately \$250,000 from his work in night clubs, theaters, motion pictures and on the *Lucky Strike Hit Parade* radio program.

Sinatra's fan mail averages between 2,500 and 3,000 letters a week. This June dozens of high-school yearbooks will carry his picture; in one of them it will be a full-page likeness captioned with simple eloquence, "Semper Sinatra." Through-

out the U. S., women whose insides become jelly when Sinatra opens his mouth to sing have formed Frank Swoonatra Fan Clubs. Every Saturday noon the sidewalk outside the CBS Playhouse at Broadway and 53rd, where he rehearses for the *Hit Parade*, is jammed with girls who want to bask in the radiance of his smile. Some nine hours later the scene is repeated. Sinatra's present popularity is so great that newspaper

ADD BEAUTY TO YOUR SMILE!



Adental cream that pours! First of its kind ever made, Dr. West's Vray has the remarkable ability to lift surface stains from the teeth—even tobacco stains, which are truly difficult to remove. It cleans, polishes, protects (gives the whole mouth a delightful beauty bath. And Vray is "victory packed" in glass—you need no old tooth paste tube to get it.

SAVES YOU MONEY

One bottle of Vray (6 full oz., 231 brushings!) fills a tooth paste tube OVER TWICE as big as the average 39¢ to 50¢ dentifrice tube.

Average size tube used by 8 most popular dentifrices selling at 39¢ to 50¢ (6 1/2 inches long.)



It takes this giant tube (13 inches long) to hold the contents of one bottle of Vray.

39¢

DR. WEST'S
1 BRAND
VRAY

The Modern Dental Cream



Copr. 1943 by
West Products Company



Women grow dreamy-eyed when he sings at the Riobamba. He was hired as an "added attraction" by this club, is now one of the biggest draws in any New York club.

FRANK SINATRA (continued)

columnists wanting to stir up reader reaction need only run an uncomplimentary remark about him. The resultant mail is as large as it is vitriolic.

Amateur psychiatrists who have attempted to explain Sinatra's popularity invariably arrive at widely divergent conclusions. Some insist that it is a manifestation of wartime degeneracy, others, that it is a product of the maternal instinct which his voice arouses in women. All of them, however, agree that his voice does something extraordinary to women of all ages. At the Riobamba, the New York night club where Sinatra is now appearing, a man remarked the other night that what Sinatra's singing does to girls is immoral. "But," he added, surveying the sea of ecstatic expressions throughout the room, "it also seems to be pleasant."

Three times an evening Sinatra, wearing a dinner coat that would horrify Lucius Beebe, steps into the baby spotlight that splashes onto the dance floor. In a come-hither, breathless voice, he then sings such songs as *You'd Be So Nice To Come Home To*, *That Old Black Magic*, *She's Funny That Way* and *Embraceable You*. As he whispers the lyrics, he fondles his wedding ring and his eyes grow misty. A hush hangs over the tables, and in the eyes of the women present there is soft contentment. The lights go on and Sinatra bows, slouches across the floor and is swallowed up by the shadows. The applause thunders and he slouches back again. The lights dim and he announces that he would like to sing a little number from a picture called *Casablanca*. The women "ooh" and "ah" and then "sh-h-h-h!" their escorts, and the wonder boy sings *As Time Goes By*, and for a little while the world—or rather that part of the world known as the Riobamba—is a lovely place, a wonderful place.

He believes his own songs

Students of popular singing who have tried to analyze Sinatra's success agree that it stems in part from his complete sincerity. He has the ability to believe implicitly the rhythmic goo he sings. He is utterly convinced that a kiss is still a kiss, a sigh still a sigh. Technically, Sinatra's singing bears a striking resemblance to Tommy Dorsey's trombone playing. Both evidence complete ease and astonishing breathing capacity; Sinatra builds up his by road work. Sinatra's admiration for Dorsey's instrumental fluency dates back to 1936 when he heard him at the Roseland ballroom in New York City. With long study he learned the trick of breathing in the middle of a note with his mouth open, which gave him the extraordinary ability to preserve the continuity of a lyric without breaking it for a detectable breath.

One factor that the experts appear to ignore, when analyzing Sinatra's success, is his appearance. "I look hungry," he says of himself. He weighs 137 lb., is 5 ft. 10 in. and looks as if a square meal would help him. He has a mop of mussed hair, hollow cheeks

CONTINUED ON PAGE 58



My native Poland was the first to be destroyed. The Nazis would like to do the same to America. But if Revere production can stop them, they'll never have the chance.

★ "My boy went to war today"



All our children and grandchildren can live as free Americans instead of slaves, if those of us at home work hard enough to give our fighting men all they need.

"I'M a lucky mother. Since my boy went off to war there has been a way I could still be of help to him, even on the battlefield. For down at Revere we're making what he needs most as a soldier in freedom's army—good weapons. Since my husband's death ten years ago, I've raised our five children and paid off the mortgage on our home by helping to make Revere metals. It seems Providence must have guided me into this work at Revere, by preparing me to take a real part in protecting my boy and my country."

MARY TOMCZYK



When "Big John" Tomczyk, Mary's husband, was no longer here to take care of things, she assumed the responsibility instead. Mary had never before worked in a plant, but through Revere she was able to learn, to earn promotion, to pay off the mortgage on their home, to raise and educate five children. And through American freedom of enterprise, it was your own purchases of products containing copper that enabled her to win security and independence for those she loves. When Revere's facilities once again can be turned to production for better peacetime living, Revere workers, by serving you, will be able to maintain their happiness and dignity as free Americans.

REVERE

COPPER AND BRASS INCORPORATED

Founded by Paul Revere in 1801

Executive Offices: 230 Park Ave., New York



After work I must do my shopping, then cook dinner. Some women complain about rationing, but without it I'd never be able to buy proper foods so late in the day.



I have nearly everything a woman could want for easy housekeeping. A modern range, electric refrigerator, and fine electric appliances to save my strength and time.



I've been able to raise and educate a family, to buy and furnish our home. I'm even a stockholder in Revere. I worked for it all. Now I'm working also to help my boy fight.

Come on, Mister, let us

Give your neck a break!

Van Heusen Shirts eliminate collar trouble!

Here is the world's *only* white shirt with a collar *WOVEN* to fit the human neck. Soft, needs no starch. Can't wilt, stays fresh all day. The finest shirt you can buy at the price. Quality fabrics. Laundry-tested, Sanforized. Wear Van Heusen Shirts with their famous Van Heusen collars attached.

Phillips-Jones Corporation, New York.



1 Smoo-noth! Collar can't pucker because it's woven as a single piece instead of the usual three layers. Looks starched, is soft!

2 Like magic! Always folds exactly right, stays perfectly for the fold-line is woven in. Keeps a clean curve around your neck.



Van Heusen Shirts do more in a single collar—no patterns and extra stress.

\$2.25 up

Van Heusen Shirts

SHIRTS • COLLARS • TIES • PAJAMAS • SPORTSWEAR

BETTER BUY VAN HEUSEN IF YOU WANT A BETTER SHIRT

FRANK SINATRA (continued)

and sunken eyes. His ears are too large and his neck is scarred. These deficiencies are probably as indispensable to his success as his vocal stylings. Contrary to a widespread opinion, the most popular male singers are rarely either tall, dark or handsome, but painfully ordinary-looking people on the pattern of Hubert H. Vallee and Harry Lillis Crosby.

Sinatra himself, who would appear to be in direct apostolic succession to these two, feels that his appeal for the younger generation is directly attributable to the fact that the kids regard him as one of their own. "I wear bow ties, sport jackets and sweaters, and kids like 'em," he says. "I'm their type." A few weeks ago a high-school girl approached him outside the CBS Radio Playhouse and began to finger his Glen Urquhart plaid topcoat. "It took me two weeks to find a piece of material like this," she said, "but I finally found it." She sighed dreamily. "And now I'm having a coat made exactly like yours."

He looks like a Sinatra fan

Frank Sinatra looks like nothing so much as he looks like a Frank Sinatra fan. He favors big knots when he wears four-in-hand ties, and the collars of his shirts are either very short (like Cary Grant's) or very long (like George Raft's). He refers to his ties, shirts and socks as accessories. His speech is filled with youthful awe and he constantly describes people or things as being "so terrific" or "so sensational." Of Tommy Dorsey he says, "The guy is so terrific," and of circus-trumpeter Harry James, "The guy is so sensational." A band or song that excites him is "solid."

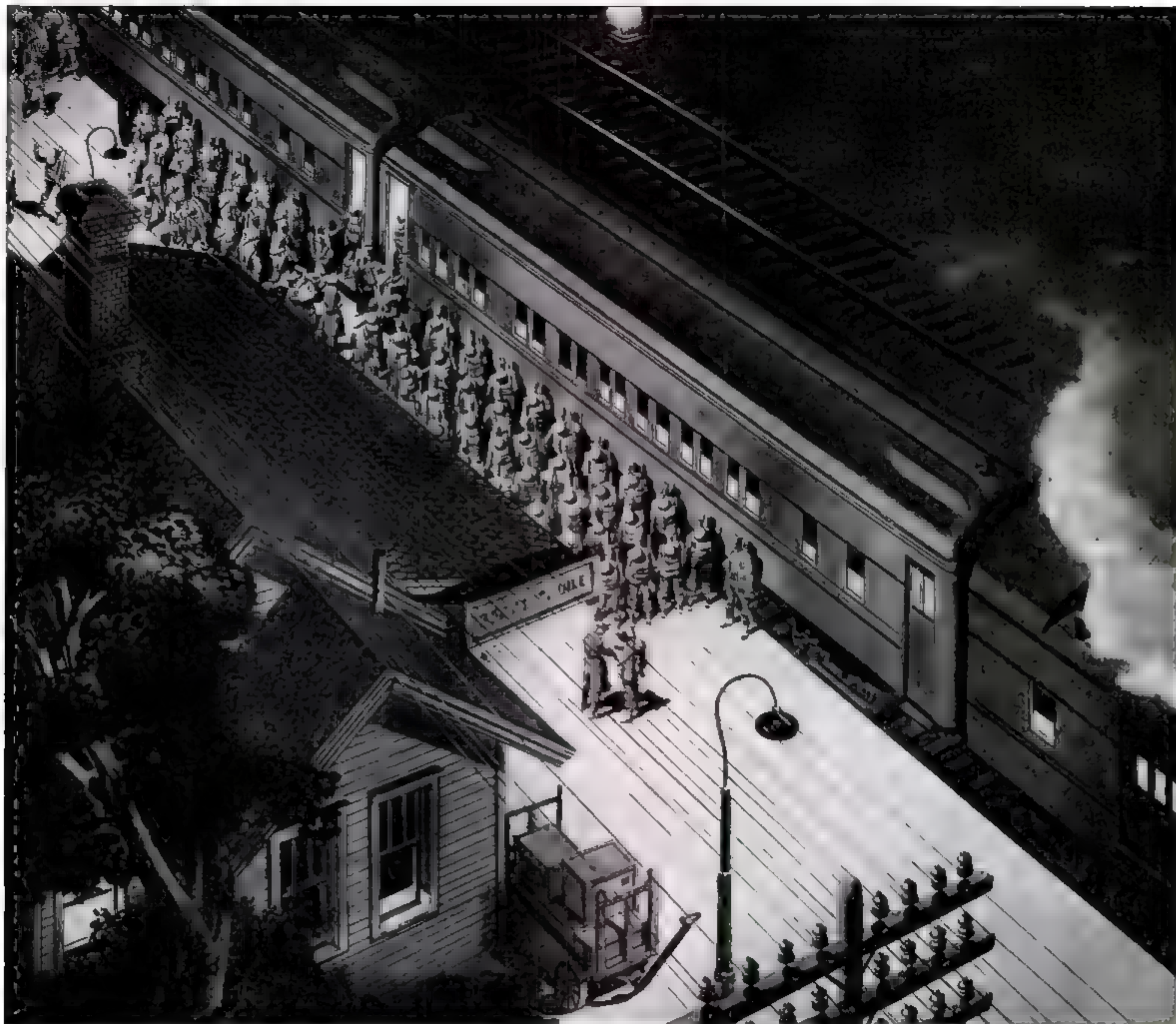
Sinatra, the son of middle-class parents of Italian descent, was born in Hoboken, N. J. His childhood, as he remembers it, was not especially eventful. "I was just an average kid," he says. "But I always wanted to sing." His summer vacations were spent with his aunt at a New Jersey beach resort. At moonlight bathing parties he used to play the ukulele and sing. All available sources fail to indicate that either his voice or ukulele playing were anything out of the ordinary. But it was an age of crooners—an age of Crosby's *Where the Blue of the Night* and Vallee's *Vagabond Lover*—and Sinatra responded to the influence that was everywhere around him. That it was, at the moment, a subconscious response in no way lessens its importance.

Unlike most entertainers who have skyrocketed to high estate, Sinatra does not try to plead that he is bewildered by it all. Instead, he admits that it has happened pretty much as he planned it. In high school he used to book bands for the school dances. This power of purchase, he confesses, gave him the prerogative to step up on the bandstand and sing whenever he wished. But it wasn't until 1933 that he decided to take up singing as a profession. That occurred when he heard Bing Crosby in a Jersey City theater and immediately

CONTINUED ON PAGE 28



At breakfast in "Warm Valley," his spacious New Jersey home, Sinatra answers the phone. Since it is almost 3 in the afternoon, his 3-year-old daughter is having supper.



Battle Stations

America is at battle stations all over the world — in North Africa, in the South Pacific, in Northern Europe, in Burma and India, on the islands, on the sea, in the air.

And railroad trains are at battle stations right here at home — wherever one loads troops, or picks up raw

materials, or hauls the finished goods of war, or does any one of a thousand necessary wartime tasks.

Railroad men and railroad trains are working harder today than ever before — carrying one-and-a-half times the tonnage of freight and

more than double the volume of military passenger travel they carried in the first World War.

For America, waging war on the gigantic scale that spells eventual victory, depends now more than ever upon the mass transportation service of its railroads.



GOOD SHAVING IS IN YOUR HANDS



Remember the day you brought home your Schick Electric Shaver and tried it for the first time?

Well, on that day we sold you something more than the finest shaving instrument you could buy.

We sold you the modern, quicker, easier, Schick way of shaving.

And we want to be sure you keep on getting those slick shaves—straight through the war.

So, even though our factory is all-out for Uncle Sam, we are all set with a goodly supply of

Schick renewal parts.

This means that if you accidentally damage your Schick—in any way—you can get it fixed up at low cost at any of the offices listed below. And for only \$3.00* you can get one of the new 2-M Hollow-Ground Shearing Heads!

Just to be on the safe side, why not go in and let them give your Schick the once-over? Or mail it in. For a most reasonable charge, it will be cleaned, lubricated and adjusted.

SCHICK INCORPORATED, Stamford, Conn., U.S.A.

For the duration you'll want to keep your Schick Shaver in shipshape condition. Expert service and genuine Schick renewal parts—including the new 2-M Hollow-Ground Shearing Head—are available through Schick Service, Inc., at all of their offices listed below. Careful attention given to shavers mailed to these offices.

ALBANY
938 Natl. Sav. Bldg.
ATLANTA
603 Hudson-Haverly Bldg.
BALTIMORE
111 N. Charles St.
BOSTON
814 Boston C. of C. Bldg.
BROOKLYN
1007 Fox Bldg.
BUFFALO
639 Hudson Bldg.
CHICAGO
212 Palmer House
CINCINNATI
814 Schmidt Bldg.
CLEVELAND
91 N. on Com. Bldg. Arcade
COLUMBUS, O.
1300 Bequa Bldg.

DALLAS
611 Southland Life Bldg.
DENVER
501 Colorado Bldg.
DES MOINES
413 Fleming Bldg.
DETROIT
908 Industrial Bldg.
HARTFORD, CONN.
1202 American Ind'l Bldg.
INDIANAPOLIS
521 Shell Bldg.
INDIANAPOLIS
503 Merchants Bldg.
KANSAS CITY, MO.
715 E. 10th Bldg.
LOS ANGELES
445 South Spring St.
MIAMI
139 Shoreland Arcade

MILWAUKEE
153 W. W. Wisconsin Ave.
MINNEAPOLIS
013 Auditor Bldg.
NEW YORK
17 East 42nd St.
NEWARK, N. J.
810 Raymond Com. Bldg.
OKLAHOMA CITY
210 R. H. Bldg.
OMAHA
647 Omaha Natl. Bldg.
PHILADELPHIA
912 Chestnut St.
PITTSBURGH
608 Investment Bldg.
PORTLAND, ME.
210 Bank of Com. Bldg.

PROVIDENCE
506 Turks Head Bldg.
ROCHESTER, N. Y.
70 E. Temple Bldg.
ST. LOUIS
23 Exchange Arcade Bldg.
SAN FRANCISCO
787 Monarch Bldg.
SEATTLE
91 Republic Bldg.
WASHINGTON, D. C.
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CANADIAN OFFICES
TORONTO
78 R. H. Bldg. West
CALGARY
112A Seventh Ave. West

*Slightly Higher in Canada

SCHICK ELECTRIC **SHAVERS**

TO HASTEN VICTORY—BUY MORE WAR BONDS AND STAMPS



The pine-paneled playroom of the Sinatra home has a well-stocked bar and numerous games for his guests. Here Nancy, his 3-year-old daughter, plays the pinball machine.

FRANK SINATRA (continued)

threw up his job as a cub sports writer on the *Jersey Observer*. For a while he sang with the various amateur units that were in vogue at the time. This led to his appearance on a Major Bowes program and subsequently to his touring with one of the Bowes units. He was making \$65 a week and was vaguely dissatisfied with his progress. Leaving the show in California, he returned to New Jersey where he sang on as many as 18 sustaining programs a week over small local stations. His gross income was 70¢ a week, which the Mutual Broadcasting System gave him for carfare. When a job at the Rustic Cabin in New Jersey was offered him, he gave up the broadcasts.

At the Cabin he received \$15 a week and as much air time as he had had on the sustainers. His job there consisted of more than singing. Being a native of the region, he attracted a number of friends who felt deeply insulted unless he greeted them at the door personally and escorted them to their tables. In February 1939 his salary was increased to \$25 a week and he got married. He had been at the Cabin a year when he was offered and signed a two-year contract to sing with the newly-formed Harry James band at \$75 a week. That was in June 1939. On Dec. 23 of the same year he got a release from the contract and joined Tommy Dorsey.

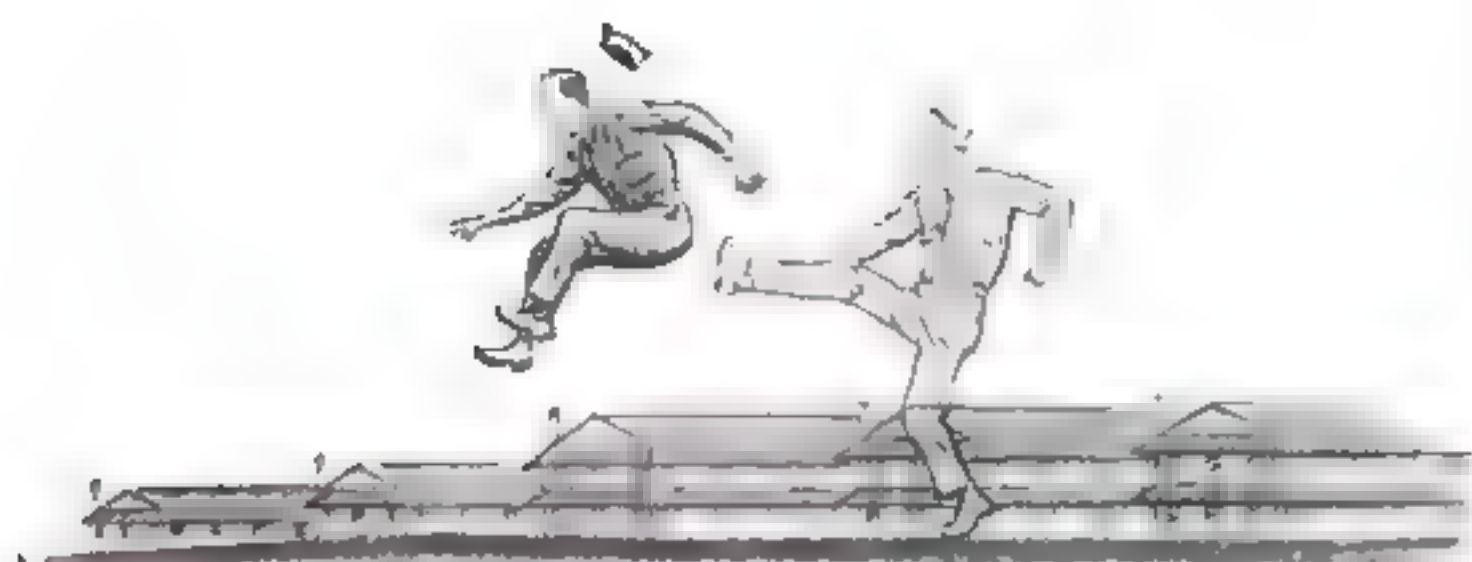
The Dorsey three-ring circus

With Dorsey, Sinatra's popularity began to spurt. His voice was on every juke box and the words "vocal refrain by Frank Sinatra" on a record were sufficient to insure it a tremendous sale. He realized, however, that he could go only so far with the Dorsey three-ring circus. For one thing, he was the featured, but not the only vocalist. He was but one of a group of young men who sat up on the bandstand with their arms folded until, at a signal from Dorsey, they would suddenly rise like trained seals and walk to the center of the stage. Locking arms and grinning inanely at the cash customers, they would make with the doleful prediction that they would never smile again. Sinatra says of it now: "We were like puppets and Tommy was the guy who pulled the strings." Last November he quit Dorsey to go on his own.

In the early part of this year he was booked into the Paramount Theatre for one week and stayed eight. When he returns on May 19 it will be at a \$1,250-a-week increase. He received \$800 for each of his first three weeks at the Riobamba; \$1,500 a week when his contract was renewed. His work on the weekly *Hit Parade* brings him \$1,000 more. In June he reports on the RKO lot in Hollywood for a picture that will add another \$25,000. All this is not gravy, however. Sinatra pays his bookers a stiff commission. His press agent comes in for another cut. His arrangements, which he pays for himself, are made by high-priced Axel Stordahl, who infuriated Dorsey by leaving him after seven years to work for Sinatra. In addition to these more-or-less routine expenses, he faces the prospect of forking over 33 1/3% of

CONTINUED ON PAGE 52

This is to keep you from kicking yourself on May 9th



1 Sunday, the 9th of May, is Mother's Day. Sometimes in years past, perhaps, you've let Mother's Day slip by. With busy folk, it's natural to forget. Just as it's natural, afterward, to wish we'd remembered. So—this is a reminder!



2 It's a reminder to send Mom, for this day that's here alone, the one gift a woman loves above all else—flowers. Flowers say, with an eloquence nothing else can match, the things a Mother wants to hear. And distance needn't binder you . . .



3 Drop in on—or phone—your F.T.D.* florist. Give him your order. He'll see that the finest, freshest flowers arrive anywhere you say. When Mom opens her package, she'll be the happiest girl alive. And you? You'll be sharing Mother's warm happiness—because you remembered. But please be sure of one thing . . .



4 Members of the F.T.D.—*the Florists' Telegraph Delivery Association—are working with the Government to save tires, fuel and manpower by cutting down deliveries and eliminating special trips. They ask you to order early. If you will place your order as early as possible, you'll help your F.T.D. florist to maintain the fine service he has always given. Look for the F.T.D. emblem—it's your guarantee of satisfaction.

For Mother's Day—May 9th—“Say it with Flowers”—by wire!

FLORISTS' TELEGRAPH DELIVERY ASSOCIATION
Detroit, Michigan, U. S. A.



FRESH OUT OF THE BOX!

Timely tip! In many places, certain flowers and colors may be scarce right now. So why not leave the choice up to your F.T.D. florist? He'll see that your Mother's Day flowers are the loveliest, freshest, finest your money can buy!

Did you know that florists use almost no critical war materials? Which is mighty nice because everyone knows flowers are essential to happiness!



They thought so in Moscow! When the enemy was at the gates of the city, when every man, woman, and child was fighting or digging ditches—girls still stood on corners selling cheerful, bright little bunches of flowers!



In lots of places, florists have pooled deliveries for the duration. One little truck for every florist in town—works fine—and it saves rubber and gas!

Montana Copper

A NEW COLOR-ORIGINAL IN WEMBLEY TIES



Looking for a new color? See Montana Copper—in solid color or patterns. Wear Montana Copper with blue, gray, brown or green. Wear it all day! The imported Nor-East Non-Crush fabric holds shape all day, resists wrinkles.

Wembley Ties

MADE OF PRIESTLEY'S NOR-EAST NON-CRUSH FABRIC

Buy War Bonds through your retailer too.

COPYRIGHT 1941, WEMBLEY, INC., NEW ORLEANS

FRANK SINATRA (continued)

his earnings to Dorsey, an old horse trader, and 10% to Leonard Vannerson, Dorsey's personal manager. Sinatra, who feels that Dorsey is putting the bite on him a little too tightly, is having his lawyers seek an adjustment.

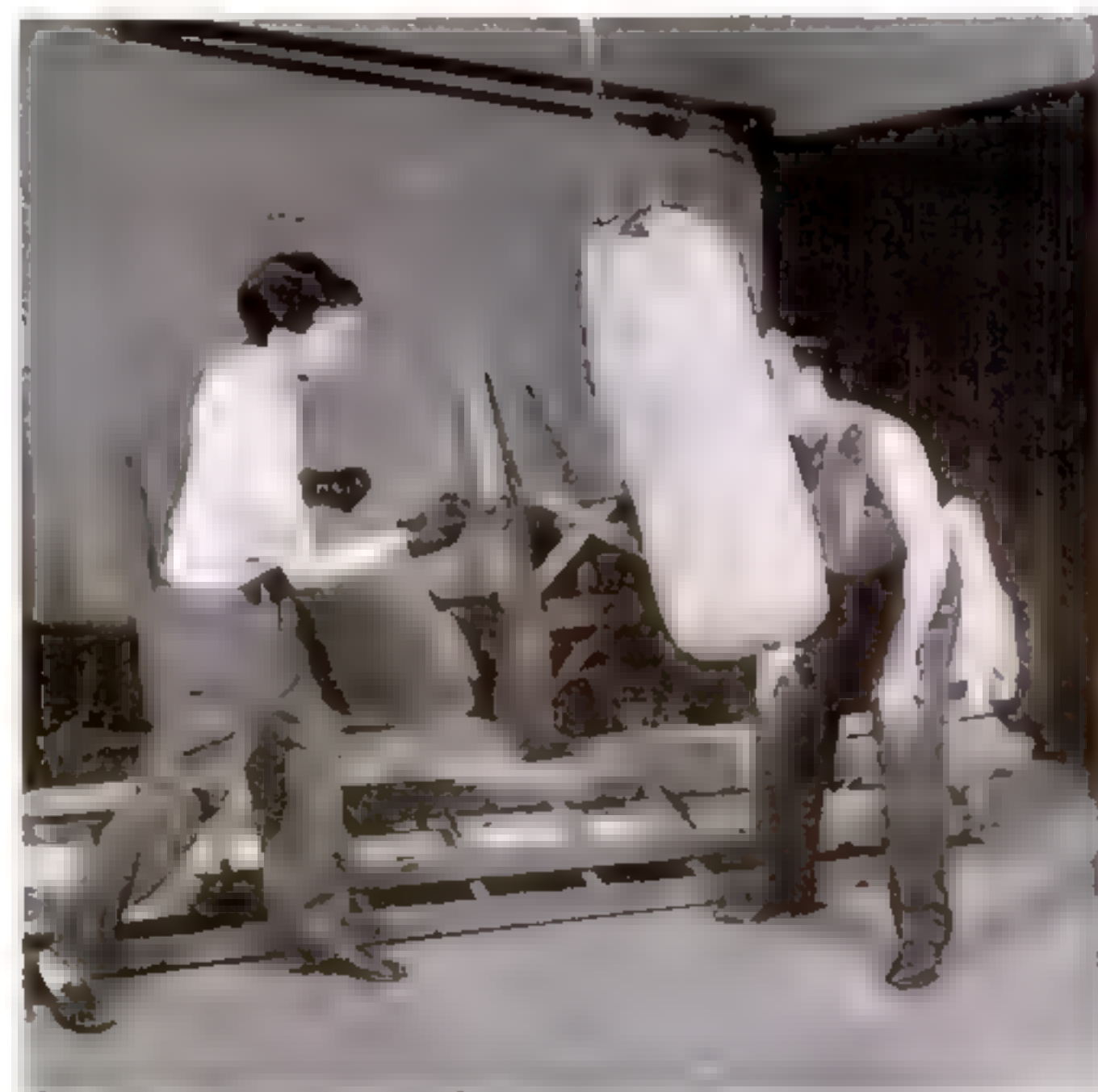
But even with these slices out of his income, Sinatra will probably get along nicely. His material demands are fairly simple. He has been married four years and has one child. This is a fact that the women of America find disturbing but not insuperable. Each of them knows deep in her heart that Frankie's songs are meant just for her. When he sang *You'd Be So Nice To Come Home To* at the Paramount, the girls agreed ecstatically and the more demonstrative among them practically baked cakes in the aisles. Sinatra is no fashion plate and has yet to become as excited about the Brooks Brothers No. 3 sack suit as do most *nouveau riche* entertainers. His proudest possession is a gold identification tag which he wears on his wrist. If the time ever arrives when he is stampeded to death by his fans, the police who recover the body are likely to find themselves in a quandary. For the tag carries the name of "Tami Mauriello," a heavyweight boxer, who gave it to Sinatra when his draft number came up.

He wants to be a fighter

Mauriello is only one of Sinatra's many cauliflower-eared intimates. Sinatra, who would rather be a championship prizefighter than anything in the world, works out regularly with Mauriello's trainer. This hobby has brought him into close association with a good many fighters. During his eight-week run at the Paramount he was visited by so many of them that his dressing room resembled Stillman's gym and smelled like an ad for Sloan's liniment.

In the qualified opinion of these men, Sinatra would make a good fighter. He throws a lot of leather and he's smart, they say. His Italian temper has sometimes got the better of him and he has proved that he has the makings of a good lightweight. Once, at a party for the opening of the Dorsey music-publishing firm, he flattened three husky inebriates for making uncomplimentary remarks about some of Dorsey's guests. Another of his knockout victims was the cantankerous Dorsey drummer, Buddy Rich, who angered Sinatra by his rudeness to autograph seekers.

Toward his own work Sinatra has managed to remain completely objective. He realizes that he owes his popularity to the kids and he goes to endless bother to keep them on his side ("Those kids are so wonderful"). Inasmuch as he doesn't get to bed before 6 in the morning, this often proves a trying ordeal but one which he regards with great seriousness as part of his duty. His chief source of worry these days is the *Hit Parade*. He feels that the high-pressure, regimented style of the program hurts his style. "After all," he says, in what is probably the most cogent description yet made of Frank Sinatra, "I'm a bedroom singer."



Punching the heavy bag is a passion with Sinatra who has a completely equipped gymnasium in his home. He hits hard but his hands have a tendency to swell up quickly.



“Betcha Dad worked on those engines!”

They're talking about a Flying Fortress powered by Studebaker-built Wright Cyclone engines

JUST a little while back, expert machinist John H. Williams and his two sons, Evard and John, were working together at Studebaker.

Today they're still working together in spirit—but many miles apart.

The father is building Wright Cyclone engines for the mighty Boeing Flying Fortress in the Studebaker factory. The boys have hung up their working clothes to put on the fighting uniforms of Uncle Sam.

Two on the firing line—one on the production line—each still giving “more than he promised”—each doing everything he can do to make victory sure.

There are many families such as the Williams family whose names shine brightly these war days on the Studebaker roster—

families that are steadfastly maintaining the great Studebaker father-and-son tradition at home or far away.

And when the fighting job is done, that tradition will be carried forward, you may be sure, in finer Studebaker motor cars and motor trucks than ever for civilian use. The solid principles upon which Studebaker craftsmanship has been founded will remain unchanged.



STUDEBAKER

**Builder of Wright Cyclone engines
for the Boeing Flying Fortress, big multiple-
drive military trucks and other
vital war matériel**



Craftsman father of craftsmen sons

John H. Williams, father of soldiers Evard and John, has been with Studebaker 21 years. He is one of many Studebaker veterans whose aptitude for fine work influenced and inspired their sons to become Studebaker craftsmen, too. Every Studebaker employee is proud of his organization's assignments in the arming of our Nation and its Allies.



Our First Home... and it almost made me cry

YESTERDAY when Jack lifted me over the doorstep into our first home—I almost cried.

Oh, I'd known there wouldn't be much to choose from near an Army post, and that a second lieutenant's salary didn't allow much money to spend on rent.

Still, I must have expected some kind of magic to turn whatever place we lived in into a lovely home—just because it was Jack's and mine. And the magic wasn't there! Even though the windows faced a garden, even though some of the furniture was really nice—it was just an ordinary furnished apartment, not the white cottage we'd dreamt about.

But today—in a few short hours, it's begun to feel like home. When Jack left this morning I went to work—moving furniture and getting out the things in the trunk. Not many things—

just our flower prints, some ordinary curtains, a pair of lamps, and our sterling silver. But what a difference they've made!

Jack will be home in a few minutes now. And I think he'll be pleased. I've hung the pictures and the curtains—and I've set the table beside the window so we can see the view. And as I see our silver gleaming in the last sunlight, I feel a sense of peacefulness.

There's something about sterling—especially really fine sterling like our International—that gives even this makeshift home a kind of dignity and character. Somehow it seems to stand for all the things we'll have someday—a way of living that's fine and beautiful and real. A way of living that's Jack's and mine. And I guess that's what really matters after all.

Because International is working full speed on war production and making less sterling, your jeweler may not now have all the pieces you want.

Why not earmark some of the money you are putting aside in War Bonds for the purchase of International Sterling after the war? For with International Sterling you will have the historic satisfaction of knowing...

—that your sterling was made by the world's foremost silver house...

—that your pattern was designed by craftsmen whose predecessors were creating spoons of coin silver 100 years ago...

—that pieces created by International's present craftsmen have often been exhibited in leading art museums.

Copyright 1943, International Silver Company





LARGEST WAR USE OF CLEAR PLASTICS IS IN AIRCRAFT NOSES, BLISTERS, COCKPIT COVERS. HERE A WORKER PUTS FINISHING TOUCHES ON THE INTERIOR OF A BOMBER NOSE

PLASTICS

War makes gimcrack industry into sober producer of prime materials

This year the plastics industry, until now the nation's biggest and most clamorous maker of gimcracks, will complete its metamorphosis into a semi-secret, high-priority war industry.

All of its products, with two or three exceptions, will be made from only three elements: carbon, oxygen and hydrogen. But because chemistry, by the use of heat, pressure and catalysis can juggle the atoms of these elements into an infinity of molecular patterns, the variety of plastic materials is unlimited. Already some 20 kinds are in use, some stronger,

pound for pound, than steel, some as liquid as water, others dead black or more transparent than air, but each chemically tailored to a particular function.

Plastics entered the war as metal substitutes. But war-built capacity in stills and pressure chambers that derive carbon, hydrogen and oxygen molecules from natural combinations in air, water, coal and oil, will this year put 300,000,000 lb. of plastic to combat use. With an even larger post-war investment in raw-material production, plastics will become the most versatile of man's primary construction materials.



GUESS WHO? AND NO '5 o'clock Shadow!



If you are tempted to make a test of *her* affections, remember that the chin that wins never has "5 o'clock Shadow"! Yes, sir, that messy afternoon beard stubble is certain to thwart Cupid. Be at your smoothest! Switch to super-keen Gem Blades and get the satisfaction of knowing that your face will be neat and clean — at its very best *all day long!*



WHAT A
COMBINATION!

Made by the makers
of your fine Gem
Razor, Gem Blades
must fit precisely.



ECONOMICAL
TOO!

Gem Blades give
more shaves per
blade because they
stay sharp so long!

CONSERVE! Don't drop or abuse your Gem Razor! It is made of critical material! Dry it carefully after each shave!
... Gem Division, American Safety Razor Corp.,
Brooklyn, New York.

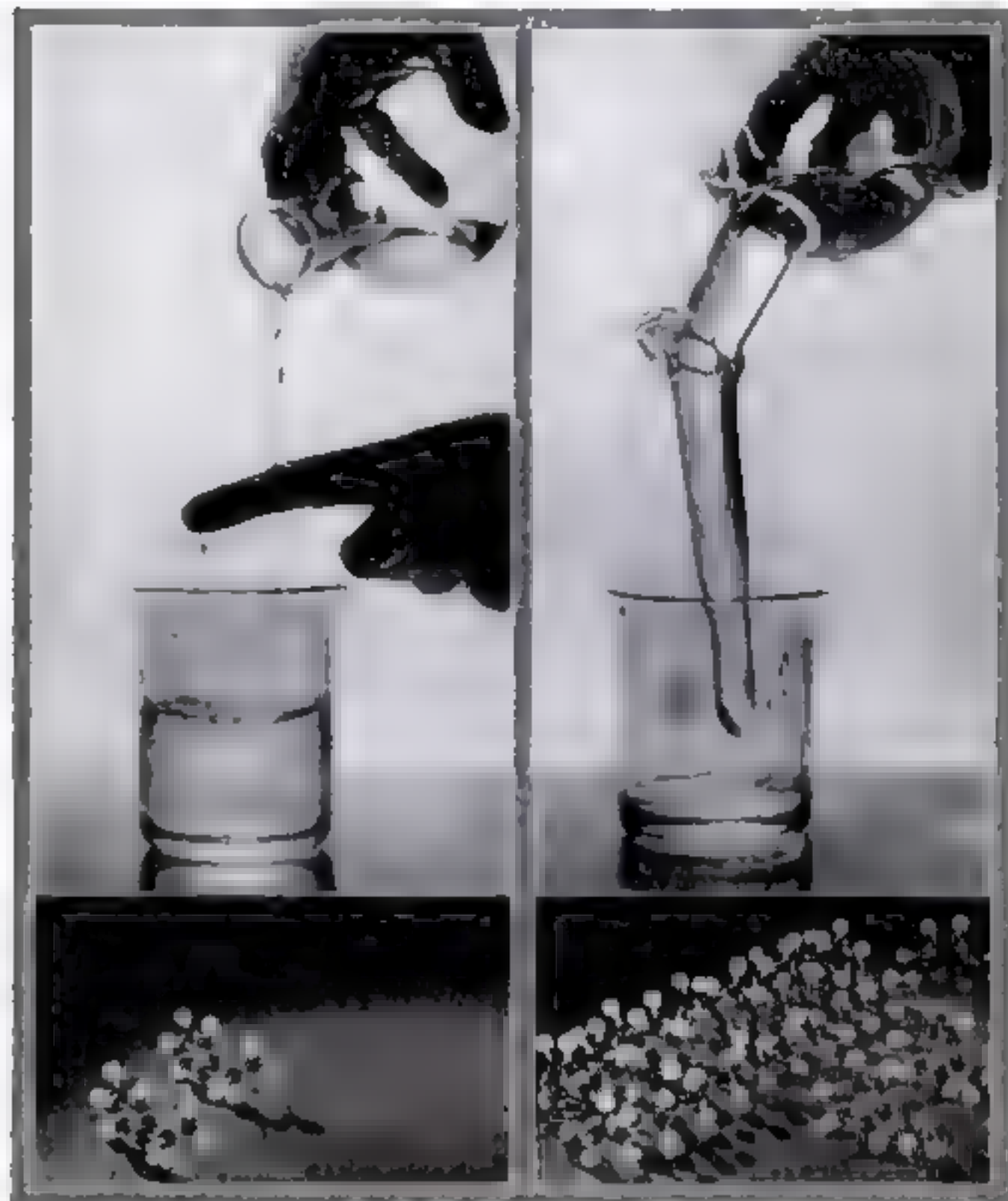
GEM



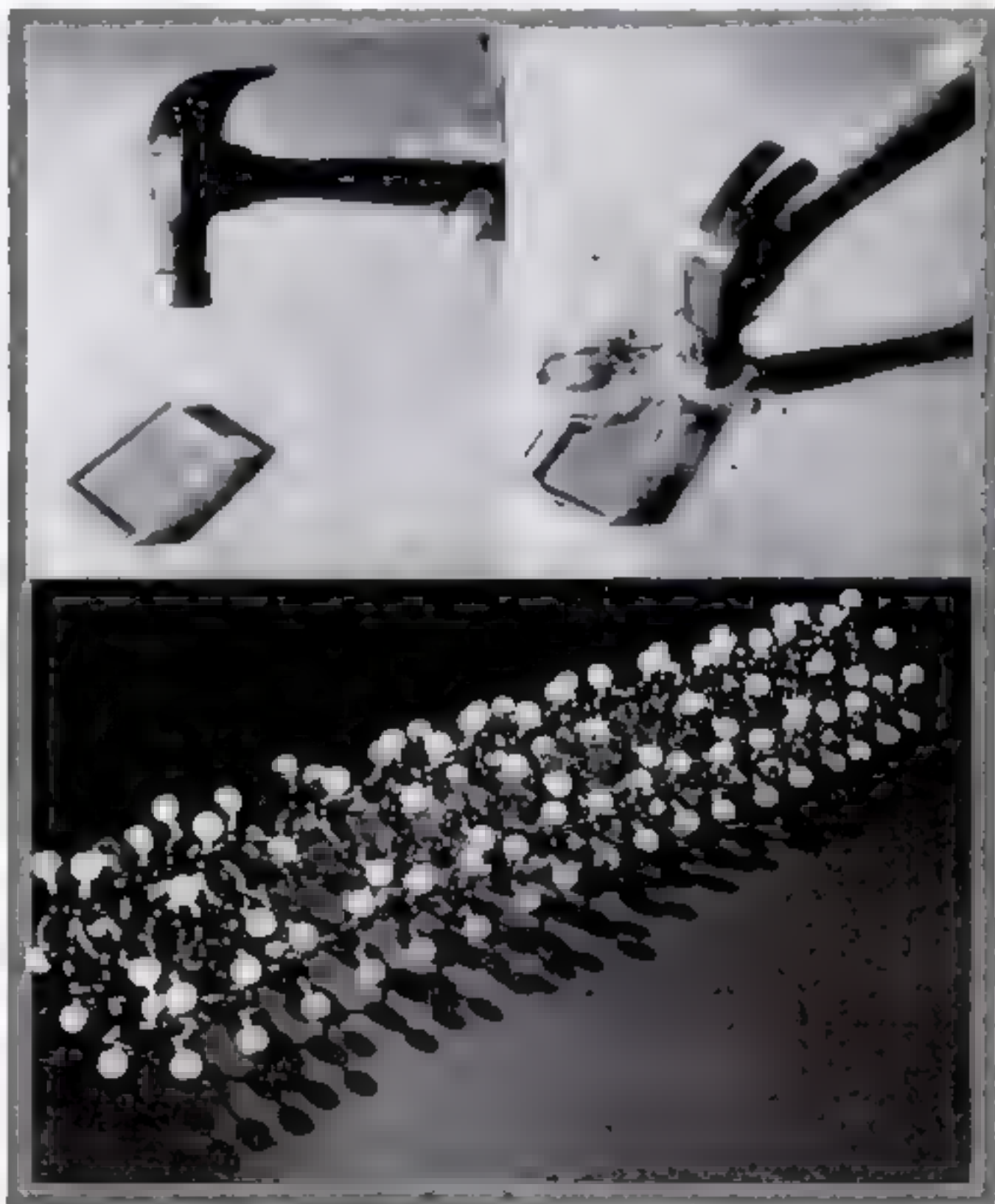
Plastics (continued)

MOLECULE CHAINS MAKE UP PLASTICS

Carbon, hydrogen and oxygen atoms, before they can be combined into plastics, must first be linked together into long chains. This joining, called polymerization, is executed by the three forces of heat, pressure and catalysis, which are applied until the fluid raw materials become useful solids.



Formation of styrene, which contains no oxygen, begins with linking of carbon and hydrogen atoms (molecular model, left, above), yielding watery liquid. Polymerization yields viscous liquid (right, above) as atoms begin to form chains. These demonstrations were arranged by the General Electric Co., world's largest molders of plastics.



Solid styrene plastic is produced when many carbon and hydrogen atoms have combined into giant chain molecules. In production polymerization of styrene is carefully controlled to produce toughness instead of brittleness, as shown above. Number and arrangement of molecule chains largely determines properties of specific plastics.

How to keep up by letting down

ADVICE FROM THE MAKERS OF BEAUTYREST ON THEIR FAVORITE SUBJECT—RELAXATION

You know, of course, there are no Beautyrests for sale today. We're too busy turning out war goods.

While we can't sell you a Beautyrest to help you *sleep* better, we can pass along some tips that can help you to *relax* better. And you know how important it is to relax in these high-tension, wartime days.

These simple, easy ways to relax don't cost much. They're lots of fun. Try them. See if you don't do better work on your war-time job.



1. FUN IN YOUR OWN BACK YARD. Learn what your pioneer fathers knew before you: This simple, sociable form of exercise is just about the most relaxing there is. Play a little before or after dinner—it'll do wonders for your frame of mind. Set up the stakes in the backyard or in the lot next door... or go over to the nearest park to play.



2. JOIN THE WALKERS AND SEE A NEW WORLD! Try a new route home from the office or station, and discover how many human, interesting sights you missed back in your car-riding days. Or, revive the old-fashioned custom of a walk to the country on Sunday afternoons. It will take the kinks from your muscles, and the cobwebs from your mind!



3. HOW TO PUT A HOBBY TO WORK. There's no better way to relieve masculine tension than through a hobby—one that calls for use of the hands. But instead of making ship models or fixing up old clocks... give your hobby a patriotic twist today. Use your hands and hammer and saw and native ability to do odd jobs around the house, to keep things shipshape and make them last—until the Great Day comes.



4. IT ALL ADDS UP TO A GOOD NIGHT'S SLEEP. Beautyrest owners are lucky people. A good night's sleep is not so much of a problem when you have one of these famous mattresses, whose 837 separate

innersprings cradle every tired inch of you. But Beautyrest or no, a sensible program of relaxation will let you sleep more soundly, rest better.

THE BETTER YOU REST
THE BETTER YOU WORK!



BEAUTYREST WILL BE BACK!

If you must have a new mattress. Think twice before you buy a new mattress—or anything else—today. Buy War Bonds instead. But if you really need a new mattress, ask to see the new Simmons White Knight. It's actually a "mattress within a mattress," made without an ounce of critical war material. You'll say a felt mattress has no right to be so downright com-

fortable! It's the "Beautyrest of felt mattresses." At \$39.50, the White Knight is your best mattress buy today.

NOTE TO CUSTOMERS: If you have to wait for a White Knight, be patient. Almost everything we make in all our factories today is for the Army and Navy. And they come first.



Painting by Mary Cassatt, courtesy of Durand-Ruel, Inc.

Wings over the WORLD

WHAT KIND OF WORLD ARE WE FIGHTING TO CREATE?

In the last few months, Pan American's "Forum of the Future" has presented answers to this question from leaders representing China, England, Mexico, Czechoslovakia, Free Italy and the United States. Here we present the opinions of a famous Canadian, Stephen Leacock.

"To every child we must give the chance to LIVE, to LEARN, to LOVE"

by **STEPHEN LEACOCK**, Author and Economist

Misery breeds war.

You can never have international peace as long as you have national poverty.

You may multiply the pomp of the parade grand as you will, but if behind it is the festering slum, war will come, as certain as the spread of pestilence.

WHAT I MEAN in a plain way is that we must enter on a vast, titanic struggle against poverty and want. What we United Nations did in war we must do in peace, the same union of hearts, the same purpose for all.

This must be the work of the Spirit, not of line and rule and document.

Each of us must stand appalled at the further existence after the war of misery and poverty, of lives frustrated by want, of children underfed, of people sunk from their birth below a chance to live. We must decide that that must not be, just as we decided that savage conquest and brutality should not be.

To effect this we must unlearn our economics, scrap the whole of it. I have personally fifty years of it to throw away!

The fault with economics was the assumption that what *can only be done by the Spirit* could be done by material interest . . . Business had done much for mankind; but society won't hold together on a business basis alone . . . Nor on any basis which excludes the animating Spirit of the common man.

There is no fear that the world will not easily support us all. A family may be crowded, but a nation never. The old Malthusian doctrine of overpopulation as preventing social happiness, of the dying poor as the buffer to save the rich, is all gone. Did it ever convince anyone? Even Malthus married and was a father!

Especially with the children lies our chief chance. Older people are battered out of shape, or were never battered into it. Faces all wrinkled and furrowed with care cannot be altered now. But to every child we must give the chance to live, to learn, to love.

* * *

Nor does social regeneration mean the obliteration of individual life. The roots lie too deep. There are limits to the amalgamation of society to the common enjoyment of everything by everybody. One's own is one's own. Many of us would rather have a house all our own in the bush than share a palace with a prince—especially with some of them.

We can have a League of Nations if we like. If we do it will be a consequence, not a cause. Thus will come International Harmony—by not looking for it. So it is with life. Try to buy happiness, by the quart or by the yard, and you never find it. Motion it away from you while you turn to Duty and you will find it waiting beside your chair. So with Good Will on Earth. Cannon frightens it. Treaties fetter it. *The Spirit brings it.*

Stephen Leacock

MCGILL UNIVERSITY, MONTREAL

LAST YEAR a great globe, four feet in diameter, was flown from Washington, D. C., and presented to the Prime Minister of Great Britain by a field commander in the United States Army. In any previous war, an accurate map would have done just as well. But to understand *this* war and to plan a workable peace, nothing less than truly *global thinking* will suffice.

This is the kind of thinking adopted by all Pan American personnel from the very beginning of the Company's operations in 1928.

Today, Pan American has piled up a flight total of *over 185 million miles of overseas flight*, a record unequalled by any other organization in the world. The engineering data amassed by this experience will bring world travel within the reach of common men everywhere, once Victory is won . . . Until then, everything Pan American has to offer is at work for the government and military services of the United States.

PAN AMERICAN WORLD AIRWAYS SYSTEM



PAN AMERICAN CLIPPERS



A CONVOY CREEPS ALONG THROUGH THE MOONLIT ATLANTIC NIGHT. ON THE BRIDGE AN OFFICER USES THE SEXTANT WHILE THE SHIP'S QUARTERMASTER TAKES NOTES

NAVY ARTIST

JAMIESON PAINTS EMBARKATION

Ensign Mitchell Jamieson was a full-time artist before he joined the Navy. He did the Marian Anderson mural in Department of Interior Building in Washington, D. C., painted post-office murals, made sketches on Franklin Roosevelt's and Henry Morgenthau's farms as a kind of artist's residence.

Today, Ensign Mitchell Jamieson is a Navy officer and an artist at the same time. As one of the Navy's new officer-artists, Jamieson does an ensign's work—standing watches, performing duties at sea. But off watch, Jamieson draws and paints what he sees on his job. The lively paintings of a U. S. embarkation port on these pages came out of Jamieson's convoy trips, including one to North Africa.

Mitchell Jamieson is one of the many crack painters who are using their art to record the war. The Navy has five officer-artists like Jamieson working in Alaska, Africa, the South Seas. The Marines and the Coast Guard have smaller programs. The Coast Guard, which encourages its own men to paint, also has Anton Otto Fischer, one of the best marine illustrators, on a semi-official status serving as artist without pay.

The Army has an ambitious art program. Under it, the War Department is hiring scores of top-flight U. S. painters to work as correspondents. The Department pays them a base pay of \$5,800 a year, plus travel, maintenance and overseas pay. Among them are men like Aaron Bohrod, Henry Varnum Poor, Edward Laning, Joe Jones, and many others familiar to art galleries and to the art pages of LIFE.

LIFE, in fact, has a war art program which antedates those of the armed services. Since early 1941, LIFE has been commissioning artists to show how the U. S. prepared for war and fought it. Right now Tom Lea is finishing up his exciting record of the Solomons battle for LIFE. Peter Hurd is working on his paintings of a bomber base in Britain. Paul Sample is in the Pacific. Fletcher Martin is in North Africa. Floyd Davis and Byron Thomas are getting ready for further expeditions. LIFE's collection, now some 200 canvases, will be shown at the National Gallery in Washington in June. Eventually the entire collection will be presented to the armed services as a gift from LIFE.



IN AN UNCOMFORTABLE AFT HOLD, THE MEN GRUMBLE, JOKE, AND FEEL SICK



IN THE BRIGHT SUN, FOLLOWING A SNOWSTORM, THE SHIP'S CREW CLEARS THE GUN DECK OF ICE AND SNOW. INSIDE THE MOUNT AT LEFT IS A 20-MM. ANTI-AIRCRAFT GUN



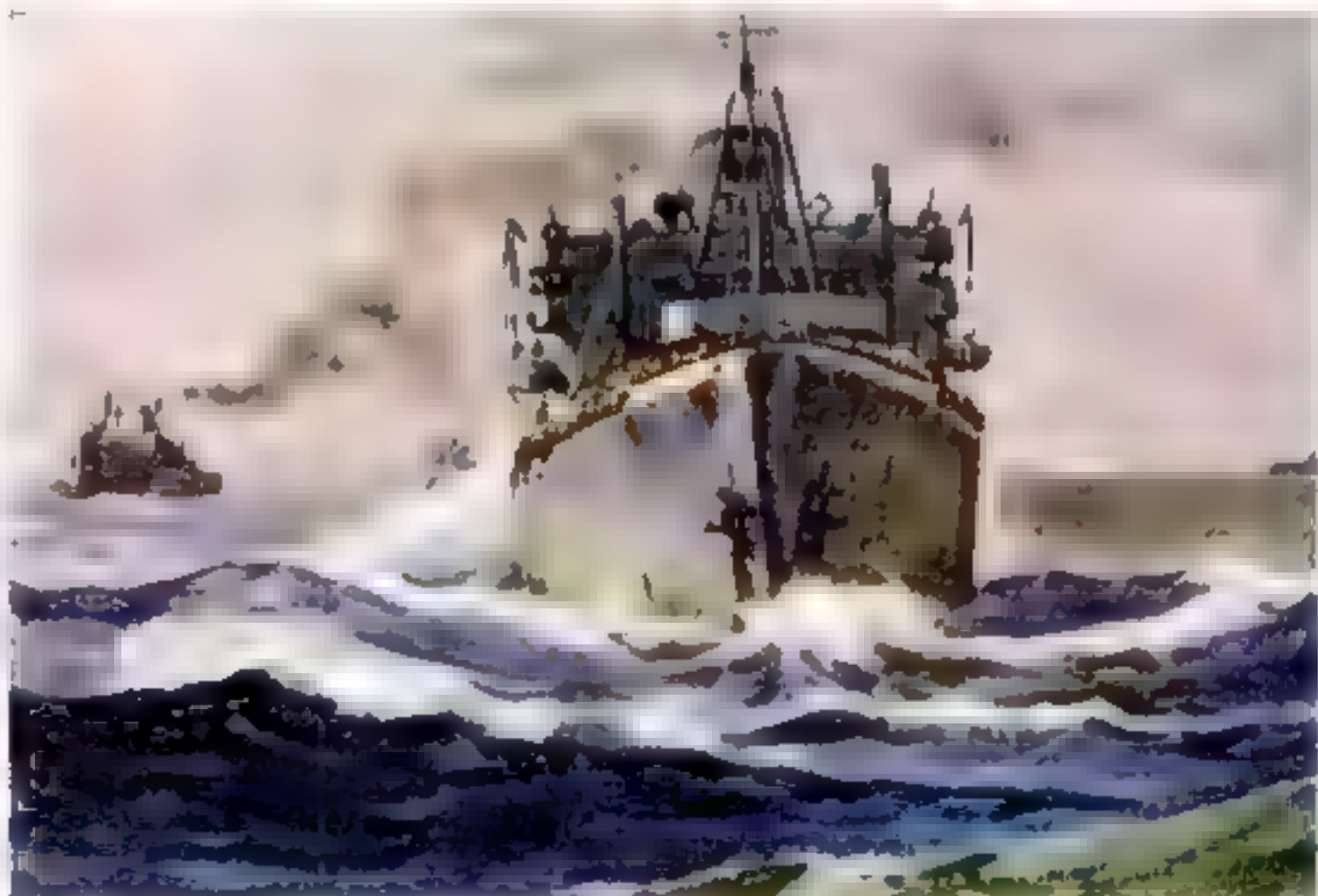
MEN GUIDE HATCH COVERS INTO PLACE WITH ROPES. AFTER CARGO HAS BEEN LOADED



IN THE GALLEY, FILIPINO COOKS GET "CHOW" READY WHILE SAILORS PEEL SPUDS



OFFICERS WATCH ANCHOR RISING WHILE A SAILOR HOSES DOWN THE ANCHOR CHAIN



IN THE WAKE STEAMS A LOADED TROOP TRANSPORT AWAY FROM EMBARKATION PORT

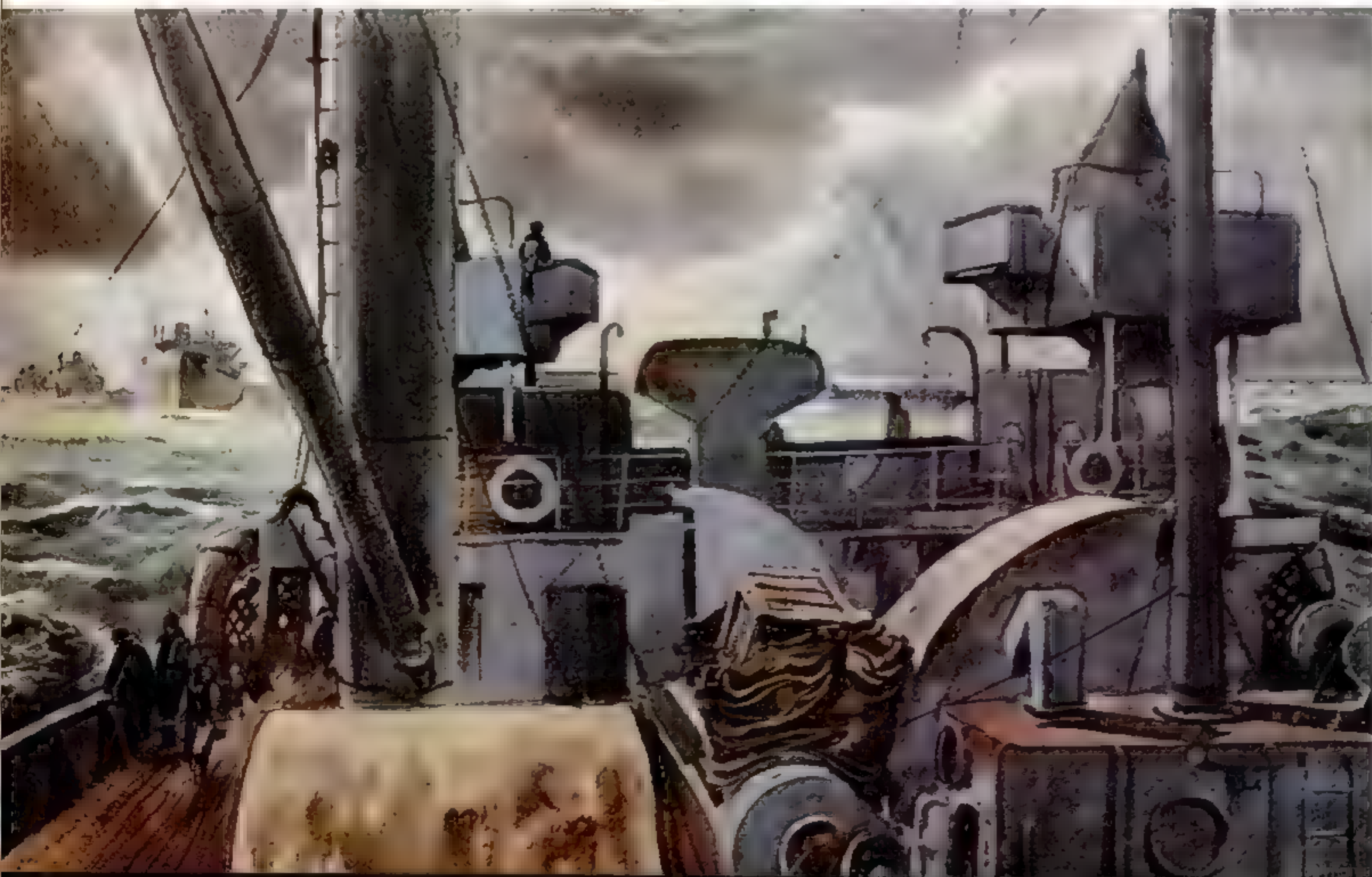


Bearings are taken on a fixed range just outside the harbor, in order to calibrate ship compasses to true north. A civilian pilot who knows the waters takes charge.



Mail call comes when the ship arrives in port and the sailors' correspondence has a chance to catch up with them. Outgoing letters to be censored are left unsent in the box at the right.

LOOKING AFT OVER A HEAVING SEA AS THE SHIPS LEAVE THE PORT OF EMBARKATION AND HEAD INTO THE OPEN OCEAN. THEY ARE GUARDED BY FAST-MOVING DESTROYERS





BUY WAR BONDS AND STAMPS

The General reviews his troops

There are no bands, no bunting. His field uniform is faded from work and weather. His ambling army is all out of step. . . . *But this veteran dairy farmer ranks high in America's military strategy!*

Men must eat before they can fight. Nations must have food with their freedom. And nature's best balanced food is *milk*.

America's dairy farmers made a magnificent contribution toward victory last year — nearly 120 billion pounds of milk — *a world's record production*.

They did it in spite of labor and machinery shortages. They did it by working longer

and harder—to help keep America's workers, fighters and allies fit.

The country can be proud of its farmers — for pitching in and producing bumper crops of corn, wheat, meat and other foods, as well as milk.

All food is life in a life-and-death struggle. Save food and you save lives. Save food and you help heroic farmers feed a hungry world.

We're sure that every American will cooperate in the nation's food conservation program. We're glad that our work at National Dairy can make an important contribution to this program too.

Our laboratories will continue their constant, far-reaching research — developing, from milk, new weapons for war and new products for peace.

Dedicated to the wider use and better understanding of dairy products as human food . . . as a base for the development of new products and materials . . . as a source of health and enduring progress on the farms and in the towns and cities of America.

**NATIONAL DAIRY
PRODUCTS CORPORATION**
AND AFFILIATED COMPANIES

Originators of the Sealtest System of Laboratory Protection

SPRING FRILLS

New or old, the season's fashionable clothes for after work are fussy, fluffy and feminine



Something for the girls, or boys, is this big ruffled black hat and lacy black scarf. This and the other frilly outfits shown on page 76 were designed by Sophie Grubel



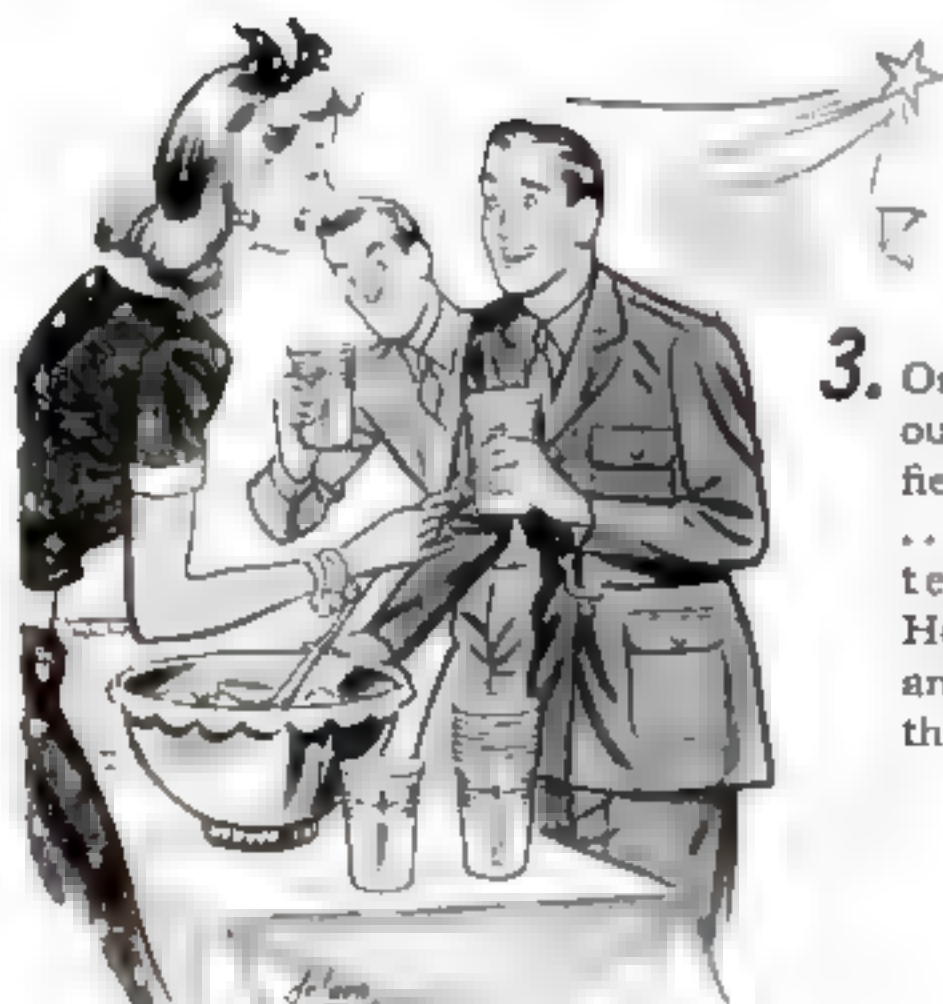
*A Safeguard
against Contagion*

**FOR UNCLE SAM'S
FIGHTING MEN**

1. On all warships of the Navy, the soda fountains serve the men in paper cups. Always plenty of clean service, no danger of breakage...each man gets his own new cup. Safeguards the men against contagion.

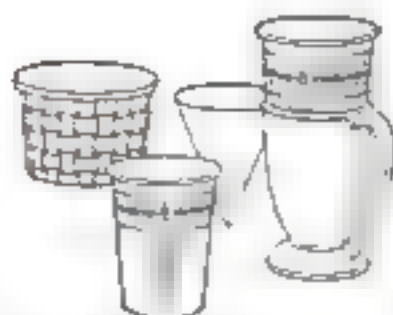


2. In the Post Exchanges at Army Camps and Marine bases, the soda fountain is the popular spot. Increasing numbers of these fountains serve in Dixie and Vortex cups.



3. On leave, the entertaining of our boys in uniform is simplified by the use of Dixie Cups...in private homes, in canteens, in the USO Club Houses. Youth is served...and health is safeguarded at the same time.

On many fronts, on trains, in the air, in offices, war plants and public buildings, in the camps...Dixies are helping to protect the health of America's warriors, workers and civilians. The paper cup has truly become a war-time necessity



Dixie Cups, Vortex Cups, Pec-Kups — products of the Dixie Cup Company

DIXIE CUPS

ONE OF THE VITAL HEALTH DEFENSES OF AMERICA-AT-WAR

To U. S. women, Mrs. Roosevelt recently set an example by announcing she would buy no new clothes for Easter. More and more sensible women are making the same decision, are sprucing up and making over their old wardrobes to last an extra season.

Nevertheless there is a spring buying boom. Fashions of 1943 run to two extremes: on the one hand, trim, severe uniforms and work clothes; on the other, fluff and frills. This is not illogical. After a day in uniform or work clothes, women (and their men concubines) have a yen to get into pretty, flattering clothes like those shown here and on the page following. As Anne Lloyd, welder in the Todd Shipyards and guest of honor at a New York fashion show, said recently, "Doing a man's job and wearing smeared-up dirty pants all day makes us more interested in clothes and dressing up."



of Saks Fifth Avenue, New York. What looks like a string of beads suspended down the back of dress is a row of buttons sewed onto transparent, flesh-pink material.

CONTINUED ON NEXT PAGE

BUY WAR
BONDS &
STAMPS



TRADE MARK REG. U. S. PAT. OFF.

The Order of the Day— Jockey Underwear

It helps a service man's morale to have around him reminders of civilian life. That's why men in uniform are now buying a large per cent of the output of Jockey—the famous brand of support underwear—and their purchases are growing all the time. So, Jockey may not be as plentiful for civilians as in the past, but it's worth shopping for. Read the reasons for its popularity with fighting men.



Mild Support!

Active men like Jockey's mild masculine support. The source of that support is the patented Y-front, no-gap construction; it is original and exclusive with Jockey by Coopers.



Cool!

Jockey is cool because its knit fabric absorbs perspiration, dries quickly, and lets the skin breathe. Various leg lengths in cotton and wool mixtures will keep you warm, too.



No Bind!

Jockey is famous as the underwear that ended squirming. No creep, crawl, bind, or chafe. And khaki shorts in the tropics will look better and feel better worn over Jockey.



Washes Easily!

Jockey's cotton knit fabric washes easily, dries overnight and because it is tailored to fit, returns to its natural shape without ironing. Look for Jockey and Coopers on the label.

Two-piece . . . contoured shirts to match

Jockey Midway



Short

Midway

Over-Knee

Long

Coopers INC
KENOSHA WISCONSIN

NEW YORK CHICAGO LOS ANGELES SAN FRANCISCO SEATTLE

Made and distributed in Canada by Moodies, Hamilton, Ont., in Australia by MacRae Knitting Mills, Sydney; in British Isles by Lyle & Scott, Menzies House, London; in New Zealand by Laine-Walker-Kadkin, Ltd., Christchurch, S 1



Social Security Quiz

Test your knowledge of something you own
—YOUR SOCIAL SECURITY BENEFITS!

1. Suppose after retirement at 65 you have an independent income. Can you still receive Social Security benefits?
2. If you are receiving benefits at 65, does your wife, if she is also 65, receive benefits?
3. Do children of a deceased insured worker receive a monthly income from Social Security until they finish school?
4. Can you continue to work after 65, and still receive Social Security benefits?
5. Is the middle-aged widow of an insured worker entitled to monthly benefits?
6. Does Social Security provide for the dependent parents of a deceased, insured worker?

Correct Answers below



WOULD YOU LIKE TO KNOW how Social Security works out for your family? What income you can expect—and when? How you should fit your life insurance policies into your Social Security program? The Mutual Life representative in your community has equipped himself to be of practical help to you in Social Security matters. Without obligation, of course.

Write for Free Social Security File—It lists for you the seven types of official records needed to collect benefits, and provides for their convenient safe keeping. You will also receive a handy form on which you can estimate now your future Social Security benefits. Foresighted planning will help you, your wife or children obtain benefits without delay when due. Just mail this coupon today to Department L.

NAME _____
ADDRESS _____



100th Anniversary Year

THE MUTUAL LIFE

INSURANCE COMPANY OF NEW YORK

"First in America"

34 NASSAU STREET



Lewis W. Douglas, President

NEW YORK CITY

CORRECT ANSWERS

1. Yes. 2. Your wife, at age 65, will receive a monthly benefit equal to 50% of yours. 3. Each child under 16 years of age receives 50% of the father's primary benefits; children aged 16 or 17 receive this benefit only if they attend school. 4. Not if you earn more than \$14.99 a month in covered employment. 5. Only if she has in her care children, under 18, of the insured worker. 6. Only if there is no surviving widow and no child under 18.

Spring Frills (continued)



Frilled rosettes make pretty decorations for a fascinator. Although the dress has a low-cut neckline usually associated with evening dresses, this one is street length.



White ruffles on hal, black ruffles on sheer dress add up to another frilly outfit for spring. The press agent's blurb says, "Little wings of fabric sprout on the bosom."



WHO HOLDS ALASKA!

**"Who holds Alaska, holds the World"
... said the late General Billy Mitchell**

★ ★ ★

Alaska was ours, so we held Alaska. It was very simple through the years ... but the tides of greed were rising in the Orient.

Far out beyond the northern wilderness we held the tempting jewel ... in reach of others who would rule the world.

Then in a blinding flash we saw that *to have* is not the same as *to hold*. And every American knew that we must build a land route to the far northwest. A route for armies, and arms, and ammunition ... for defense ... *for offense!* Not at our own sweet time, but NOW!

The Alcan Highway came into being in a moment of supreme danger ... in six months of heroic achievement. Victory Boulevard, to "the most strategic land on earth."

Alcan is a busy truck highway now, a road which trucks helped build, for truck traffic. Night and day, in the turmoil of construction, husky International Trucks bore a gigantic burden, hauling capacity loads of rock and gravel as the highway advanced through mountains, swamplands, and timber. They helped keep vital supplies moving through wilderness. They hauled fuel, repair parts, water, a vast tonnage of mechanical equipment, and food for an army of men.

Truck maintenance is at absolute minimum on a job like the Alcan Highway, and only the toughest of trucks can take it. Once again International Trucks proved their stamina, as they are proving it, day after day, on the highways and battlefronts of the world.

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue • Chicago, Illinois

INVEST IN AMERICA ★ ★ ★ BUY MORE WAR BONDS



★ ★ ★ ★ ★ ★ ★ ★ ★ ★

★ MAJOR WAR PRODUCTS ★ ★ BUILT BY ★ ★ INTERNATIONAL HARVESTER ★

- ★ Tanks • Half-track Military Vehicles ★
- ★ Torpedoes • Artillery Prime Movers ★
- ★ Automatic Airplane Cannon ★
- ★ Oerlikon Gun Mounts ★
- ★ Military Trucks • Military Tractors ★
- ★ Steel Products for Military Use ★
- ★ Shells • Gun Carriages ★
- ★ High Speed 155 m.m. Gun Carriages ★
- ★ Tank Transmissions ★
- ★ Adapter Boosters ★
- ★ Airplane Engine Cowling Assemblies ★
- ★ Trackers • Gun Loaders ★
- ★ Marine Corps Invasion Ice Chests ★
- ★ Blood Bank Refrigerators ★

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

★ **INTERNATIONAL TRUCKS** ★



TIN FISH ... from the sky!



"Jap carrier and escort dead ahead."

The torpedo plane squadron wheels to deep right . . . splits into two groups to form a roaring right angle.

The Jap flat top dodges like a sluggish snake. Her guns and those of her accompanying vessels rip the bright sky to shreds.

Level and low, the Americans bore in. The carrier is bracketed. There is no escape now in all that broad sea.

"Torpedo bays open!"

"Trip 'em!"

Deliberate as death, the aircraft torpedoes seem to float down, white exhaust plumes from their turbines sharp against the blue.

They're in and under now. The mechanical wizardry of their construction rights them, drives them forward at incredible speed, straight and true, the deadliest contrivances of war known to man.

Turn! Scurry! It's no go, Tojo! Just decide on which side you want 'em.

As the planes climb sharply, their mission accom-

plished, the concussion of contact below shimmers against their wind screens. Tin fish . . . from the blue . . . have struck again!

The assignment to build aircraft torpedoes, one of the most complicated weapons in the history of warfare, is a tribute to craftsmanship which has been won by the Pontiac Motor Division.

For the aircraft torpedo is the "blue chip" of warfare. Weighing approximately a ton, it is capable of destroying the mightiest ship. Less than 20 feet long, from nose to rudders, it contains within its cylindrical steel walls all the powers of propulsion, navigation and destruction.

That all these self-contained qualities may be

utilized, correctly and at the one precisely right moment—without human guidance—requires the amazing total of 5222 parts and 1225 different assemblies!

Fabrication of this amazingly complex weapon is a challenge to Pontiac craftsmanship which was eagerly accepted and which is being satisfactorily met.

The aircraft torpedo thus forms another pattern in the Pontiac-built Design for Victory on land, sea and in the air and which includes the 20 mm. anti-aircraft cannon, the 40 mm. field gun—largest automatic weapon in use by any nation—tank components, Diesel engine sub-assemblies, and vital parts for Army trucks.



Pontiac

DIVISION OF

General Motors



BUY WAR BONDS AND
STAMPS—
KEEP AMERICA FREE!





FAMOUS FIRST DIVISION COMES HOME TO CAPE TOWN AND GETS A ROUSING WELCOME ON LONGMARKET STREET

SOUTH AFRICA

IT HAS ALWAYS PRODUCED GREAT WARRIORS

South Africa has already made its mark in this war. Its gallant Second Division was tragically captured at Tobruk. Its First Division broke the German line at El Alamein. Some of the war's most savage and rugged fighters speak the English and Afrikaans of South Africa. And for four years Cape Town and Durban and Simonstown have guarded convoy routes to the Middle East, Russia and the Far East.

Yet when war broke out in 1939, South Africa came perilously close to declaring itself neutral. The pro-Nazi Prime Minister, the late J. B. M. Hertzog, demanded it. He was opposed by old Jan Smuts, who rallied the pro-war party and became Prime Minister. Still South Africa teemed with spies and fifth columnists, so numerous and powerful that the Government did not dare crack down on them. They filled

the police force. They openly declared for the New Order. Last August, when Rommel was careening toward Alexandria, Hertzog goaded, "it won't be long now." Then Montgomery struck at El Alamein and the next month Hertzog died heartbroken. Since then the fifth column has faded fast, has even begun to show up at the recruiting stations.

The nation that produced this paradox of war spirit and dissension is here shown in the pictures of LIFE Photographers Robert Landry and Hart Preston, both of whom recently visited South Africa. The paradox is rooted in South Africa's history of violent politics and violent warfare.

White South Africa is sharply split between the British, who control its wealth, and the Boers, who have the numerical majority. The Boers are split

among themselves. But beyond that, South Africa's 2,200,000 quarreling white men are a lonely white garrison on a continent of black men. Under their immediate rule live 7,000,000 Bantus (Negroes) plus 1,200,000 mulattoes and Asiatics, who do the hard work. The white men do less manual labor than any other white men in the world. Both black and white, South Africa has a great warrior tradition.

South Africa's problem is a fantastic melee of absentee English gold barons, gloomy Dutchmen, the Dutch Reformed Church whose priests frowned on machinery as devil work, magnificent Zulus whose kings use to make them charge over cliffs for discipline, and a New World history bloodier than that of the U. S. The vast and baking veld is the setting. The men above are the Union's proud defenders.



CHAMBER OF MINES runs South Africa's economy. This is first time Gold Producers Committee has let its power be taken. At right, with tortoise-shell glasses, smiles Chairman G. Carleton-Jones of New Consolidated Goldfields. Committee controls practically the entire English press of South Africa.



GOLD CAPITAL of the world is this quiet Johannesburg street. From left, the buildings are Chamber of Mines, Stock Exchange (cupola), Anglo-Transvaal gold company, New Consolidated Goldfields and (right) the high-explosives monopoly. This cluster is in about the center of the big picture at the right.

SOUTH AFRICA (continued)

GOLD BUILT ITS FINE CITIES AND PAYS ITS BILLS

THE MODERN CONCRETE CITY OF JOHANNESBURG



Gold foots all bills in South Africa in the end. Gold really runs the country. Gold drew the English into the free Boer state of Transvaal in 1880, leading to the Boer War. Gold made the great modern city of Johannesburg below on the edge of the veld, 900 miles inland from Capetown. Gold has been decreed a "war industry." Its key men have been asked not to enlist. Last year the Transvaal produced 14,120,000 fine ounces (\$491,200,000), though some machinery and technicians were lent to the copper industry and to arms pro-

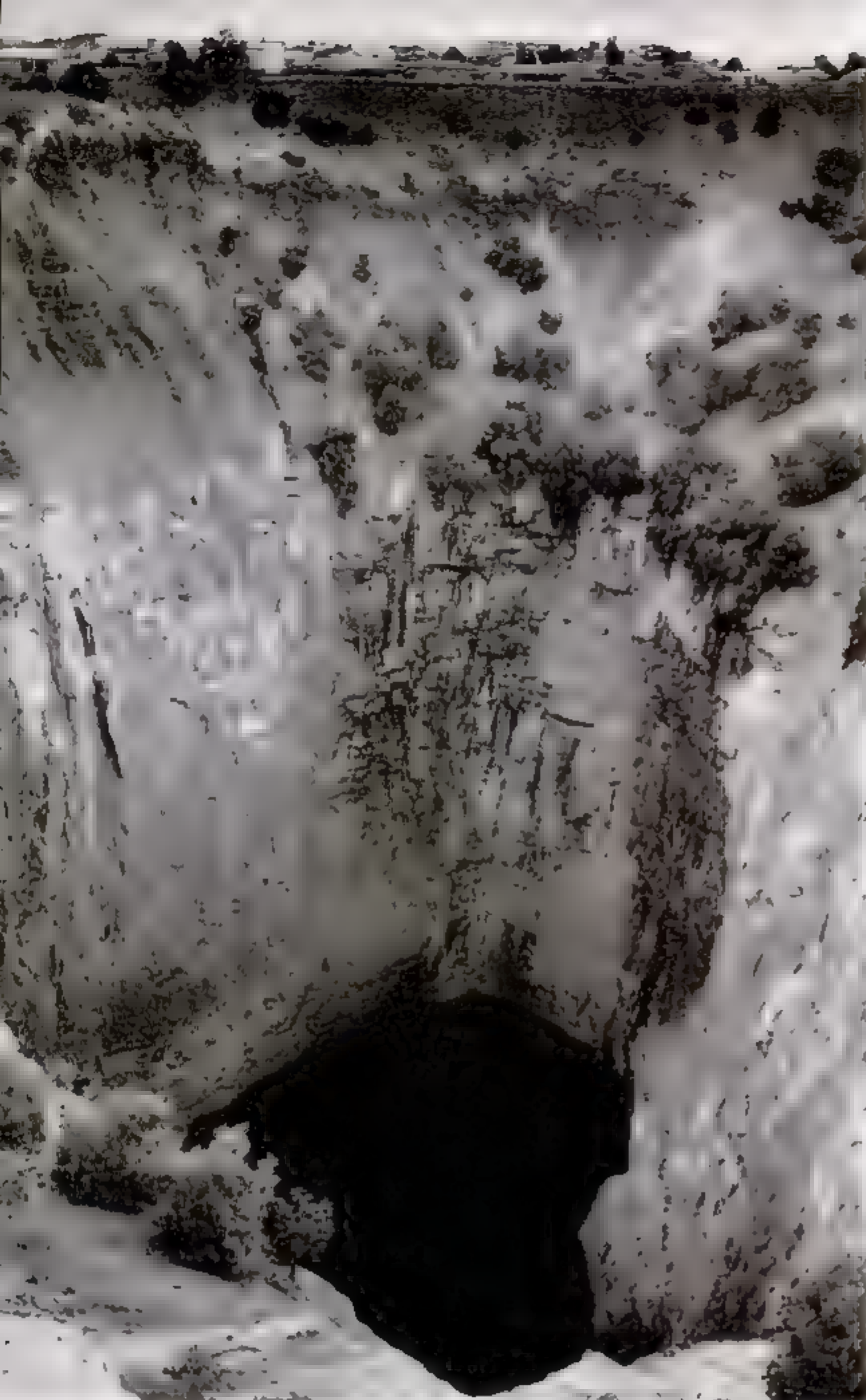
duction. The U. S., which has shut down its own gold mines, still buys South Africa's gold at \$35 an ounce.

This "one-crop economy" has more or less paralyzed the full exploitation of manganese, iron, copper, vanadium, chromium, asbestos, tin. But it has reduced South Africa's external debt since the war began from \$400,000,000 to the vanishing point. Gold, rather than industrialization, is what broke the frontier farmers' world of the Boers. The Rand, which means Ridge, is the richest continuous gold-producing area in the world.

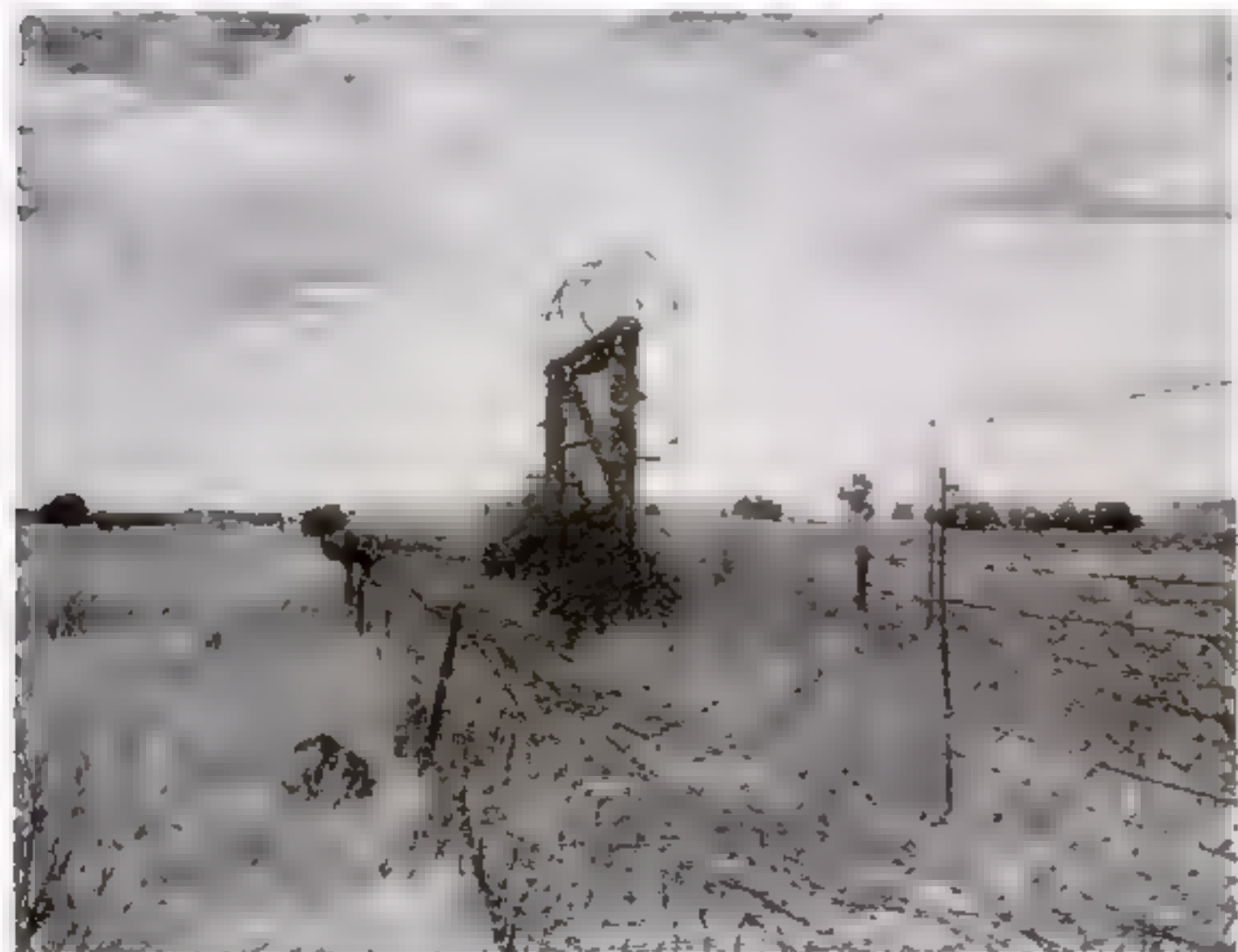
The city of Johannesburg is set plumb among the gold mines. Its horizon is one of mine dumps, whose fine dust makes Johannesburg's famous dust storms. The city itself is as modern as Denver or Salt Lake City. And its people have the same exhilarated feeling of living in the center of a lot of high-and-wide open space. The capital of English wealth and power in South Africa, Johannesburg is also in the heart of the real Boer country. On the distant ridge north of the city is where the well-to-do live. The mines run for 50 miles.

IN THE TRANSVAAL RISES ABOVE BATTLEMENTS OF GOLD-MINE DUMPS WHICH STRETCH FOR MILES ON EVERY SIDE





"BIG HOLE" at Kimberley is now virtually exhausted of diamonds, two-thirds filled with water. This huge pitfall is a mile from the main square of Kimberley which can be seen at top. The subsidiary rock is the "blue earth." Diamonds are supposed to derive from these outcrops.



BARBED WIRE to delight the heart of an Army engineer surrounds the De Beers diggings in Kimberley. All workers are carefully searched when they leave the mine. The wire is to prevent their sneaking back at night to pick up diamonds they have hidden on the grounds by day.

SOUTH AFRICA (continued)

DIAMOND MINES ARE SHUT DOWN

The No. 2 crop of South Africa is diamonds. Before the depression, it produced 64% of all gem diamonds—so many that if the great De Beers monopoly should release all it has, gem-diamond values would collapse overnight. Hence, it was no hardship for the diamond industry to shut down at the outbreak of war, except for industrial diamonds, vital for machine tools. The diamond town of Kimberley (15,000 whites, 24,000 others) is a ghost town and the "Big Hole" (left) is two-thirds filled with water.

Griqualand, where Kimberley is, was neither Boer nor English. It was taken over a hundred years ago by some Hottentot-Dutch halfbreeds who called themselves Bastards or Griquas and wiped out the little Bushmen, of whom only 60 purebred specimens now survive. In 1870 Englishmen discovered diamonds in the volcanic "pipes" of the Kimberley country. The chief mines, Kimberley, De Beers, Bultfontein, Dutoitspan and Wessington, are all within walking distance of the town. Soon after the discovery, the Griquas were taken over by the English Cape Colony and Cecil Rhodes.

Kimberley is the doorway to the great Boer plateau of the Orange Free State and the Transvaal, which enjoyed 45 years of independence between 1854 and 1901. The look of this horizonless land where billowing clouds often stand stock-still in the sky is shown on the opposite page.



800 CARATS of small diamonds are held by a girl sorter at De Beers sorting tables in Kimberley. They are worth \$50,000, but \$2,000,000 worth may be on the tables at one time. In 1939, South Africa produced only 11% of world's diamonds, Belgian Congo 65%, mostly industrials.



TRAINED DOGS also patrol the barbed wire fence at De Beers. Now these dogs are being re-trained for war work. Actually the biggest potential producing mine today is the Premier, 300 miles northeast of Kimberley, where there is another formation of sub-surface "blue earth."



THE VELD (pronounced *felt*, vast, green and almost treeless, is the characteristic land of South Africa. It had a terrible drought this winter but natives' corn crop was saved by February rain. South Africa's chief crops are wool, wheat, fine wines, brandies (Bertram, K.W.V.,

Commando) and Van der Hoven liqueur, and the stringy beef that makes the strips of *biltong* South Africans chew on. The veld, which stretches north for 2,000 miles, across Bechuanaland and the Rhodesias (not part of Union of South Africa), is poor farming land, good grazing land.

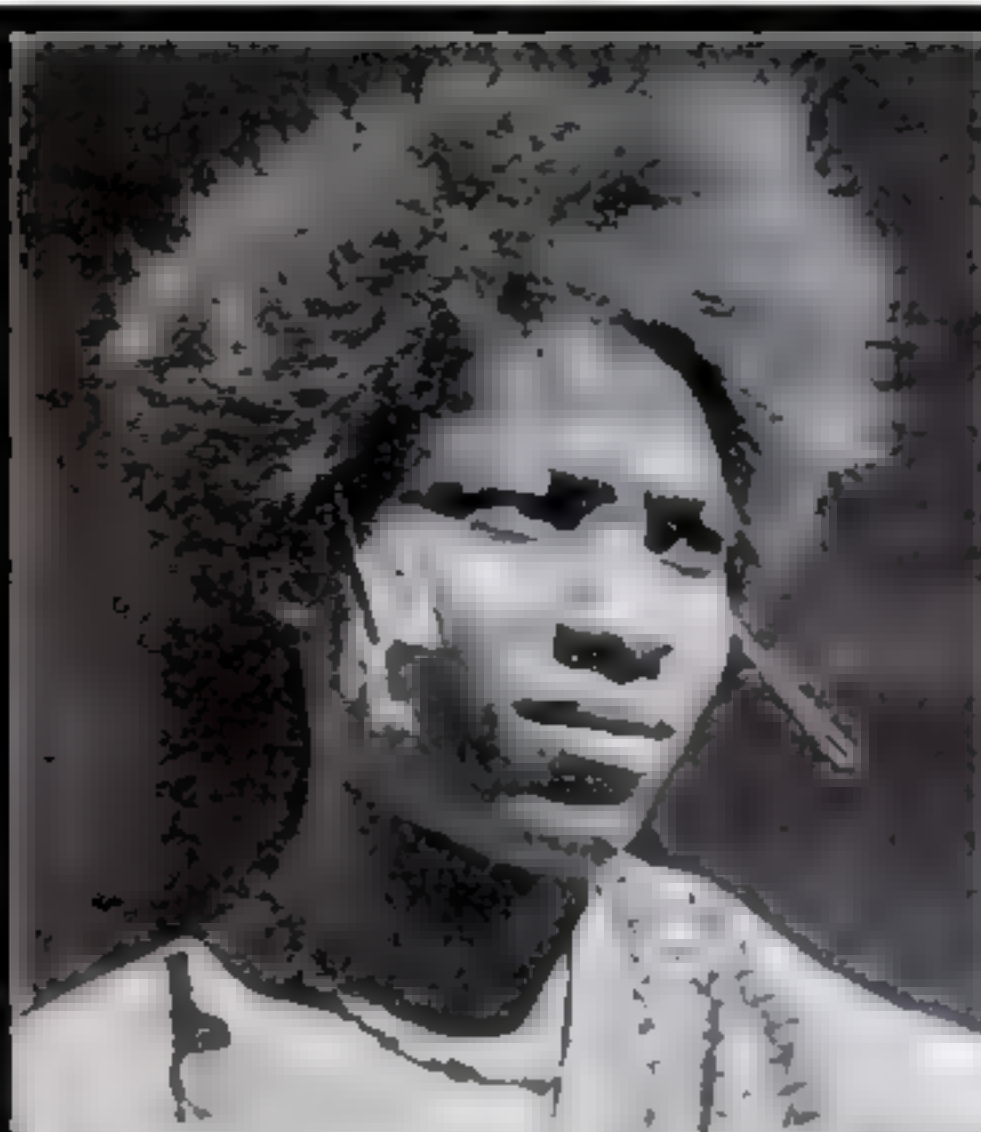


"DETribALIZED" NATIVES are confined to what are called "locations" outside the cities and towns, for all non-Europeans. This one is outside Johannesburg. The "location" is constantly patrolled by dread "pick-up" vans, and a Negro must have a pass to leave it. Other

passes give him the right to look for work, go out at night, live with a wife, live in a house, work, buy beer. Most important of all his papers is a poll-tax receipt. The town natives earn about \$4 a week as servants or unskilled laborers, are forbidden to engage in "skilled labor."



M'CHOPI FROM PORTUGUESE AFRICA



SWAZI FROM SWAZILAND



BASUTO FROM BASUTOLAND



TRIBAL NATIVES, hired for nine months from chiefs or Portuguese in Angola and East Africa, work Johannesburg gold mines, live in mine compounds, 350,000 strong. Above, they are eating the corn ("mealie") meal which they prefer to balanced diet mine doctors have tried

to introduce. In background are double-decker bunks, miners' lamps and helmets, stove. They are bunked, one tribe to a compound, speak only their tribal tongues. White bosses and black gangmen may speak three or four tribal languages. After nine months, tribesmen go home.

THE BLACKS DO ALL THE HEAVY WORK

South Africa confines its tribal blacks to reserves totaling perhaps 20,000,000 acres and its "detribalized" blacks to "locations" outside the cities. The South African Negro, in general, eats less and dies earlier than any other Negro in the world. Though he is technically free, he must pay a \$4-a-year poll tax. When he does not pay, he may be jailed, whipped or recruited for the gold mines. But most of the gold miners are rented in batches from the tribal kings. South Africa's

8,000,000 black and colored people elect three white men to the South African Assembly and three to its Senate. They just elected the first Communist in South Africa's history. Miscegenation is punished with imprisonment for both man and woman.

The blacks do all heavy labor in South Africa. This reluctant labor is what has deteriorated the South African standard of workmanship and has left the white man a supervisor with leisure to brood, argue and fight.



ZULU FROM ZULULAND



TEMBU FROM SOUTH AFRICA



XOSA FROM FISH RIVER COUNTRY



THE DUTCH REFORMED CHURCH, here seen at the little Cape Colony town of Worcester, is a great power in South Africa. It historically opposes the British, Negro welfare, the war and modern machines which it considers atheistic. Negroes could not join. Men wear top hats and black clothes to service.

SOUTH AFRICA (continued)

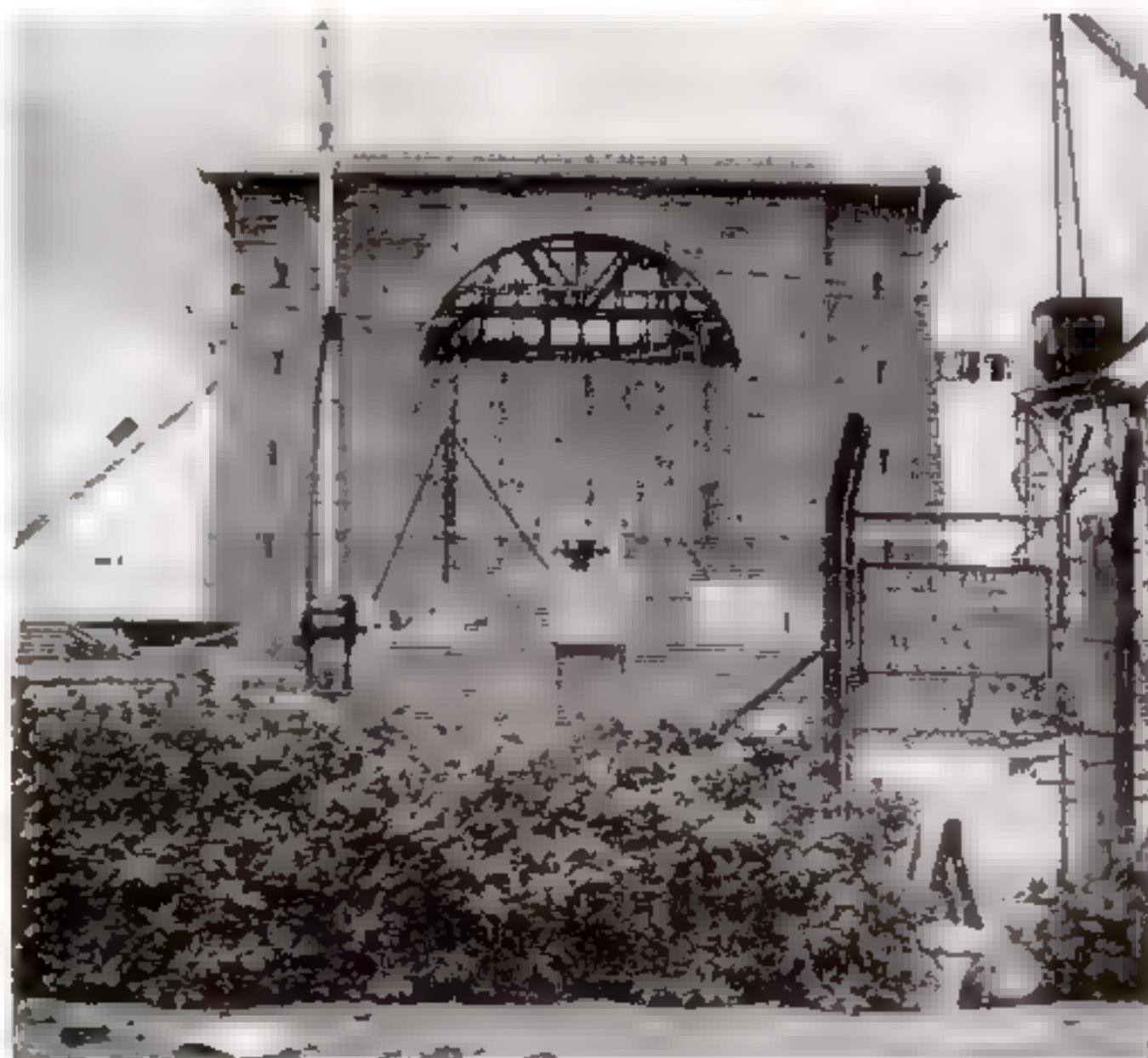
THE BOERS ARE

The Boers, or Afrikaners, are one of the world's freak peoples. Their ancestors, of Dutch and French Huguenot stock, arrived in South Africa in 1652 soon after the Dutch arrived in what is now New York, and took the Cape over from a Portuguese garrison. Fanatically pious members of the Dutch Reformed Church, they began to expand with a Bible and a gun. They fought an endless series of wars, first against the tough little yellow-skinned Hottentots, then against the tougher Xosas along the Fish River and finally against the toughest of all, the Zulus, all of them far better fighters than most of the American Indians. They were massacred at the Place of Weeping by Zulu King Dingaan and destroyed the Zulu armies at the Battle of Blood River. Toward natives the Boers have an ancient hostility and an iron policy of white supremacy.

But in 1795 the Netherlands were conquered by the French and the Dutch encouraged the British to occupy the Cape of Good Hope as well as the Dutch East Indies. In 1816 the British returned the Indies to the Dutch, but not the Cape. The Boers, mainly angry because the British had abolished slavery, quit the Cape in 1836 and made the Great Trek 1,100 miles into the hinterland. They had independence in the Transvaal and Orange Free State from 1852 on. These Boers were big, humorless, hospitable, stubborn, icy-eyed Calvinists, great fighters, hunters and arguers who had Negroes



OLD DUTCH WINDMILL outside Cape Town goes back to the days before the British took over the Cape in 1795 for global reasons of naval strategy. By then the Dutch had cleaned up on the Hottentots, were fighting the tough Xosas to the north.



VOORTREKKER MONUMENT stands outside Pretoria. It commemorates 100th anniversary of 1835-37 Great Trek of Boer nation from Cape to Transvaal and Natal, where Boers fought wars with Zulus. Inside will rest bones of a Voortrekker.

WHITE MAJORITY

to do all their manual work for them. Under "Oom Paul" Kruger, Botha, Smuts and Herzog, they were defeated and subjugated by the British in the Boer War of 1899. That war left the Boers in a position much like that of the French Canadians—a lonely island of people, out of touch with their original European home and under a foreign flag.

But in many respects the Boers won the Boer War. South Africa is now really independent, as a member of the British Commonwealth of Nations. And practically all successful politicians are Boers, for the Boers total 60% of the white population. Both Afrikaans (a corruption of Dutch) and English are official languages, both Boer and English national anthems are sung, both flags are flown. All officials must be bilingual.

After the Boer War the more sensible Boers, led by Botha and Smuts, made their peace with the British and turned to the task of building a united nation. But another portion stayed sore. When the Nazis came to power in 1933 their propagandists went to work on these anti-British Boers and stirred up all the old hatred.

The crisis seems to be over now. As Nazi wave recedes, all but die-hard Boers are drifting toward the United Party of Smuts. Sitting on his stoop, drinking gallons of coffee, the Afrikaner whose sons are fighting in North Africa is again beginning to see South Africa as a united, fighting nation.



OLD BOER COSTUMES are worn at Dingsans Day festival, to commemorate Zulu chief who massacred Boer delegation after pretending to give them all Natal in 1838. This group at Pretoria gathers at Wonderboom Tree where trekkers rested.



OLD DUTCH FARMHOUSE at Stellenbosch in south was built in 1796. This lovely architecture is pure Afrikaans, with a faint Flemish origin. On the northern veld, houses more commonly have iron roofs to withstand the cannonball hailstorms.



THIS BOER WAR VETERAN has lost his left hand. He refused to give his name to the photographer. The anti-British, anti-war minority of Afrikaners would never be entirely satisfied unless the British were driven from South Africa and Negroes restored to the servitude from which they have been raised.



EMPIRE FIGHTERS on leave like to stop at naval coaling port of Durban and dance in pavilion. All coast towns except Dutch Cape Town are very English, have bowls, golf, tennis and cricket. Most English-speaking South Africans seem to leave angry potholes to the Afrikaners, apparently out of tact.



THE RICH of South Africa are shown above at the Johannesburg Country Club and below at the swimming pool of Diamond King Solly Jass's daughter-in-law (with that dandyling in pool, once a cherns girl, Peggy Marsh). Dominated by the English, Johannesburg society is new, rich, worldly and tolerant.



SOUTH AFRICA (continued)

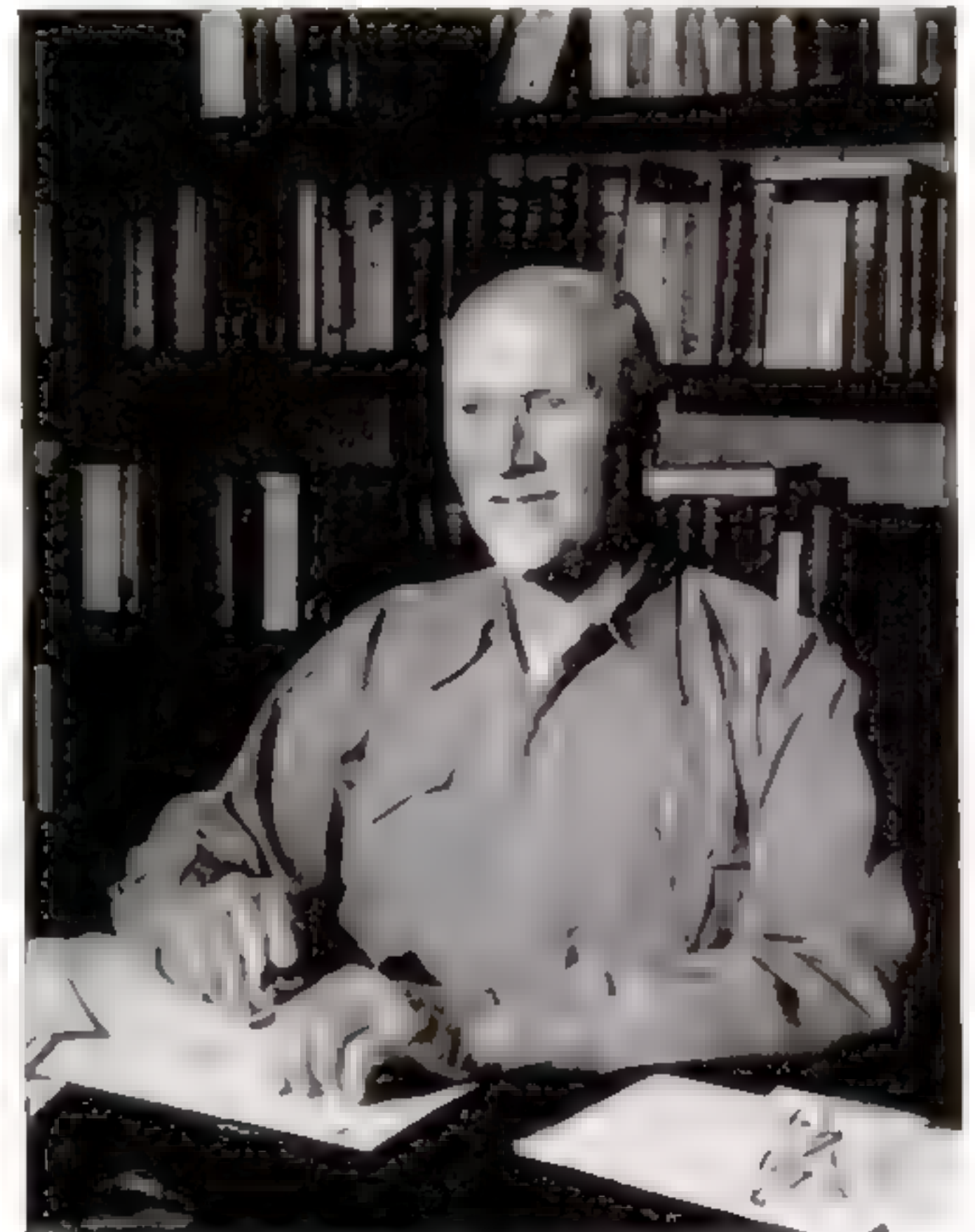
WAR UNITES SOUTH AFRICA

There is no doubt that the Boer War, like Britain's confiscation of South Africa in 1795, was unjust. But in this instance, Great Britain was the most magnanimous conqueror in history. Eight years after the Boer War, she set up the Union of South Africa with equal rights for Boer and English-speaking South Africans. In 1931 she made South Africa an independent state, predominantly governed by Afrikaners. South Africa is infinitely freer, stronger, richer, than if the Boer War had not been fought.

This magnanimity was more than matched by the best of the Afrikaners. There stepped forward men like Botha and Smuts, who had both been relentless generals of the Boer commandos. Smuts, with the wide-horizoned idealism of the true South African, produced the great concepts of the British Commonwealth of Nations and the League of Nations. Today he is fighting for a union of all the protectorates, crown colonies and mandates of South Africa, an area two-thirds as big as the U. S. Today this man, once a bitter enemy of Britain, now one of the few truly great men in world politics, is Prime Minister of a British dominion.

Smuts has two kinds of men to deal with. One is the liberal, money-minded, progressive city man. The other is the isolated, uneducated, Old Testament patriarch of the backveld who speaks Afrikaans and is a dead shot with a rifle on a moving target at 400 yd. The two are actually being brought together by the war. The old Boers are proud of their soldier sons home with their medals. The sons do not consider themselves Afrikaners or English. They call themselves, for the first time, South Africans.

South Africa, which was a cradle of civilization 250,000 years ago but has been empty of man most of the time since, is quite probably on the verge of its greatest era. It is a magnificent piece of property and it has some of the best men alive. Anybody whose mind can encompass both that land's end pointing toward the South Pole (*see opposite*) and the hot, interminable plateaus stepping toward the Equator cannot remain small-minded. Smuts has said, "This war will have a profound effect in molding the South Africa of the future. The population is not two millions but ten millions. You cannot move two million white people forward and leave eight million others to wallow in trouble." Out of such realism comes the good hope now that illuminates the hinterland back of the Cape of Good Hope.



PRIME MINISTER SMUTS has held South Africa together. Many Afrikaners are bitter about Smuts. They consider that he has betrayed his blood by working for a South Africa in which all men, Boer, English and black, will work together.

CAPE OF GOOD HOPE
LIES UNDER MIST AT
SOUTH AFRICAN CO.





PLANE DROPS MESSAGE ON THE CARRIER'S DECK, WARNING THAT JAP SHIPS ARE NEARBY



IN RAIN AND CHOPPY WEATHER, DOOLITTLE'S B-26 RACES DOWN THE "HORNET'S" FLIGHT

TOKYO RAID

LIFE PRESENTS THE STORY OF
HOW JAP MAINLAND WAS BOMBED

On these pages are two accounts of the Tokyo raid. The first, written by John Field, one of LIFE's editors, tells how the U. S. task force carrying bombers got near Japanese coast. The second, written by Major John Hilger, second in command to General Doolittle, describes the actual raid. Both Field and LIFE Photographer Ralph Morse, who took pictures above, were on one of the ships of the task force. Major Hilger, a graduate of Texas A & M, 1932, commanded the last element of three planes. Now in command of a group of B-26's in this country, he hopes to rejoin General Doolittle in Africa.

WITH THE TASK FORCE

by JOHN FIELD

Commander Task Force 16 makes the following announcement: *This task force has been directed to proceed to a position 400 miles east of Japan. There Army bombers will be launched from the U. S. S. "Hornet." They will bomb Tokyo.*

We were seated at lunch in the wardroom when this announcement came over the loudspeaker system. It froze everybody to his seat. We knew now what the purpose of this secret trip was. Breathed a Negro mess boy under his breath, "Carry me back to ol' Virginny."

Through the ship a gay little song swept cheerfully. To the tune from *Snow White*, it went "Hi-ho, hi-ho, we're off to Tokyo; we'll bomb and blast and come back fast."

But there was a tenseness too. You could feel it in the wardroom, in the crew's mess, in the lookouts, and on the bridge. How close to Tokyo could we get without being spotted? Nobody knew for certain.

Two days before the scheduled raid, the Tokyo radio's English-speaking program heightened our nervousness: "Reuter's, British news agency, has announced that three American bombers have dropped bombs on Tokyo. This is a most laughable story. They know it is absolutely impossible for enemy bombers to get within 500 miles of Tokyo. Instead of worrying about such foolish things, the Japanese people are enjoying the fine spring sunshine and the fragrance of cherry blossoms."

The night before the attack, the ship was grim

and silent. Through a rough overcast we were streaming westward. White-capped rollers flew over the tossing bows of cruisers. Spray leaped over the flight deck of the carrier, and a biting rain soaked lookouts. In the wardroom there were a few jokes. Somebody got a laugh by asking, "Anybody see the Staten Island ferry go by?" Most men looked at the big map on the wall and counted the miles back to the U. S. Pacific Coast. We were a long way from home. Suddenly a dance band came in full and loud over the short-wave radio from San Francisco and everybody felt better.

Most men turned in with their clothes on, and it was well they did. At 3:15 the piercing *clang-clang-clang* of the General Quarters alarm startled the ship. It was the signal calling all hands to battle stations. Within the ship there was a sudden rushing. Men poured up through the hatches, and in the blackness, covers came off guns. Ammunition was ready.

The announcement was brief: "Two enemy surface craft reported." They were believed to be patrol vessels or destroyers, part of the cordon of ships the Japs throw around their main bases. We knew we could sink them, but we did not want to. We were still not close enough to shore to launch our planes, and we wanted to get farther to the west before being discovered. Fortunately they did not spot us.

But this relief did not last long. Shortly after dawn a Jap fishing vessel was sighted ahead and two Jap ships appeared over the horizon on our port beam. No longer could we avoid a fight. We would have to sink them before they were able to radio our strength and definite position to Tokyo. We noted, on the horizon, that both the



DECK, GAINS ALTITUDE EVEN BEFORE REACHING THE END. OTHER PLANES WILL FOLLOW



DOOLITTLE CIRCLES BACK OVER THE "HORNET," TIPS HIS WINGS IN A FAREWELL SALUTE

Jap ships had been carefully and effectively camouflaged. Against the gray-blue of the water, they were almost invisible.

Suddenly, with a roar, an American cruiser opened fire. Along her decks her guns blazed big and red, and rolled like thunder. The seas were heavy, making accuracy difficult, but with almost the first salvo, one Jap ship went down. To make certain of the other Jap, who had opened fire with a small gun, the cruiser went in closer, soon disappearing from our view over the horizon. When she reappeared again later, we learned that both Japs had been sunk, and that although the cruiser had attempted to pick up survivors, all had gone down before she arrived at the scene of the wreckage.

We were now in a dangerous spot. Detected by enemy forces, we were only a few hundred miles from Tokyo, well within range of shore-based bombers. We were also open to attack by Jap surface ships. It was time obviously to launch our bombers.

About 8 A. M., in the middle of a quick rain and wind storm, came the announcement: "Hornet preparing to launch bombers for attack on Tokyo." Sailors, officers, cooks, engineers—everybody who could get there—crowded the deck of our ship, watching what was happening on the *Hornet*.

There dimly through the rain and motor exhaust, one B-25 could be seen poised at the take-off position. The ship pitched, and the runway tossed up and down. The motor raced faster. A hand waved. There was a catch of excitement in everybody's throat. Then Doolittle started off down the flight deck. At first he went slowly. So slowly. "He'll never make it." Then he speeded up, and as he neared the end of the runway his

plane came slowly off the deck, zoomed upward, leveled off across the water.

Some minutes later another plane followed Doolittle into the air, then another, another and another. For a few minutes the sky was full of them. With the deep-throated roar of their twin motors, their beautiful lines, and their American insignia painted boldly on their wings and fuselages, they made us all feel proud. Soon they were gone.

The task force turned toward the east—and home. Its job was done.

But we were still not safe. Through the long day we waited to be attacked. Every few minutes unidentified aircraft were spotted, proving that the Japs were looking hard for us, and that they knew we were in the area. Early in the afternoon our planes spotted a big Jap patrol plane, but it apparently did not see us. Half an hour later another enemy patrol plane was sighted, but it likewise failed to discover us. By now clouds had covered the sun and reduced visibility.

Sooner or later, we knew we would also meet Jap ships. Late in the afternoon two patrol boats appeared to port. Undoubtedly they had spotted us. Off went our bombers and one of our cruisers after them. From high altitude, the bombers attacked first. Down they went, straight at the first ship. One bomb landed squarely on the deck. Other bombs hit nearby. One plane was hit by anti-aircraft fire and had to make a forced landing. But its bombs were not needed when the cruiser opened fire. The Japs soon capsized and sank.

Into the vastness of the Pacific we escaped. In the wardroom, while speeding through the night, we listened to radio Tokyo: "For the first time in history this afternoon enemy planes bombed Tokyo. From their insignia they were seen to be American."

ON THE RAID

by COL. JOHN HILGER

Saturday, April 18, 1942

I will never forget this day as long as I live. At 4:15 a. m. we were called to battle stations and knew that we would not be released before take-off. We loaded all baggage aboard the planes, had breakfast and were waiting for developments when the cruiser on our port side opened fire on a small boat which had intercepted us. Word was passed over the speaker for all crews to man the planes for take-off since it was feared that the small boat had reported our position prior to being sunk.

Colonel Doolittle, flying the No. 1 plane, got off nicely at 8:20, in spite of the rough weather which threw sea water over the flight deck. The other planes followed quickly in order. The sailors and men on deck cheered lustily when the colonel got off and I think they really thought it couldn't be done. Our mission was based on a take-off not farther than 400 nautical miles from Tokyo but our present position placed us considerably farther than that from the point of land just east of Tokyo. Everyone knew that we had little if any chance of reaching China because we had a total distance of 2,200 miles to the coast itself, not counting the additional 170 miles from the coast to our destination.

Our plane was the fourteenth to take off and was leading the final flight. My three planes were to go to Nagoya, Kobe and Osaka. My plane was to go to Nagoya. The take-off was not particularly difficult even though the gross load of the plane

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A shoe worthy of our American Gentlemen... with comfort, fit, style and durability—plus those niceties of craftsmanship which come of long experience and pride in good shoemaking. Footwear that is hall-marked quality, yet attractively priced... giving you the best possible service, thereby conserving leather for our Armed Forces.

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A STEP AHEAD



The Woodrow

The Custom

The Wainwright

\$5.50 to \$7.00



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A small Jap fishing smack is sighted on the morning of the Tokyo raid. For fear it might radio warning of the coming raid to Japan, U. S. planes sank it with bombs.

TOKYO RAID (continued)

was more than 25,000 lb. and the deck run available was about 500 ft. The wind over the deck was 45 to 50 m. p. h. Full flap was used and all of us had room left over. Take-off 9:15.

The run into the coast of Japan was uneventful except for the sighting of one long-range patrol plane. He did not see us, however, and we continued on in and made our landfall at noon. We continued on a westerly course along the southern coast of the islands until we reached a point just south of Nagoya. We passed many fishing boats and the crews always stood and waved at us. It was apparent that they weren't expecting us and that our raid was a complete surprise. Smith was flying on my wing but I had not seen Farrow who should have been on my other wing. He apparently lost us soon after take-off when we passed through a rainstorm. When about 70 miles due south of Nagoya we separated and I turned for Nagoya. All of our flight had been at about 100 ft. and we continued on up the east side of Ise Bay at this altitude. On the outskirts of the city we passed over a park where a large crowd was witnessing a baseball game. They still did not suspect an air raid. It was a beautiful spring day with not a cloud in the sky. The Japanese country is beautiful and their towns look like children's play gardens. It is a shame to bomb them but they asked for it.

As we started our climb to our bombing altitude of 1,500 ft. the anti-aircraft opened up on us. I will never forget the hurt and indignant tone in Sergeant Bain's voice as he called over the interphone and said, "Major, those guys are shooting at us." The anti-aircraft fire was moderately heavy in volume but inaccurate. Only two or three shots were close. The size of the bursts indicated it was from medium caliber (about 40-mm.) guns.

We swung around to the left onto a southerly course and picked up our first target, the military barracks which surround Nagoya Castle, the military headquarters of that district. The first bombs dropped and nicely bracketed the barracks buildings, of which there were about 20. Sergeant Eierman saw many intense fires start among them. I quickly turned toward our second target, an oil and gasoline storage warehouse. We saw the bombs hit that target but because it was a large building with a high roof and the bombs went on through, we did not see any fire immediately.

Target No. 3: an arsenal

Our third target was an arsenal, a tremendous building with a high, arched roof. Macia could have hit it with his eyes shut. By this time the air was thick with black puffs of smoke from A. A. and fires were starting on the ground behind us.

Our fourth and last target was one that I had been waiting to take a crack at ever since this war started. It was the Mitsubishi Aircraft Works. It turns out a bi-motored medium bomber very similar to a B-25. The main building was about 250 yd. square and Macia hit it dead center. If there is anything in that building that is inflammable it is probably still burning.

After dropping our last bomb, we dropped down almost to the water and flew due south. When we were 30 miles from Nagoya and just before we cleared the headland which marks the end of the bay we

CONTINUED ON PAGE 21



Another
NEW

has been added to
Old Gold
CIGARETTES

Apple "Honey"
now protects Old Gold freshness!

NO CHANGE IN TASTE!

New moisture-protecting agent, which we call Apple "Honey," developed by U. S. Department of Agriculture!

* * *

You want a fresh cigarette. Every smoker does. Recently, an apple concentrate has been developed from the pure juice of fresh apples... a mellow, golden nectar that goes

hand in hand with fine tobaccos—protects their freshness. *Apple "honey,"* we've labeled it—and we use it now to help keep Old Golds fresh. By bathing the choice Old Gold tobaccos in this rich *apple "honey"*—we seal in freshness and flavor *naturally*. *Apple "honey"* now protects the Old Golds millions are smoking. Get a pack—and enjoy Old Gold freshness today!



LOWEST IN NICOTINE
LOWEST IN THROAT-IRRITATING
TARS AND RESINS

As shown by unbiased, independent, unsolicited tests of 7 leading brands—made for Reader's Digest

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SAME FINE TOBACCOS INCLUDING LATAKIA

TRUE OR FALSE?



by Dr. Harry Hagen
Conductor of the popular "True or False"
quiz—Monday nights, Blue Network.



1 Whiskers have been made part of important state documents?

TRUE. It was once the custom to imbed three hairs of the king's beard in the seals of state papers.



2 Lanolin was an ancient love potion?

FALSE. Lanolin resembles the skin's natural oil. Doctors often prescribe it to soothe and soften skin. Now Lanolin is added to Williams Shaving Cream. It leaves your skin feeling softer, refreshed.

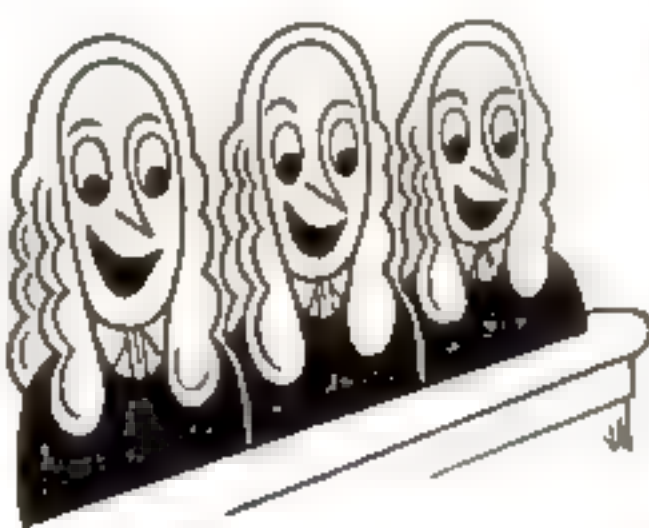
3 There are 1400 whiskers in the average beard?

FALSE. You have about 24,000 whiskers, all hard as metal. To wilt whiskers limp, men everywhere use Williams Shaving Cream. Williams rich lather soaks whiskers completely soft!



4 Actors should be good judges of shaving cream?

TRUE. Removing make-up often leaves skin extra sensitive. But Paul Lukas says: "I use Williams, and shave close as I wish without soreness. The Lanolin soothes my skin, leaves it feeling soft."



WILLIAMS Luxury
shaving cream

Same
familiar
tube

CONTAINS SOOTHING LANOLIN



Yokosuka naval base, 30 miles southwest of Tokyo, is photographed from a speeding U. S. Army B-15. A few minutes later bombs were dropping on the docks and ships.

TOKYO RAID (continued)

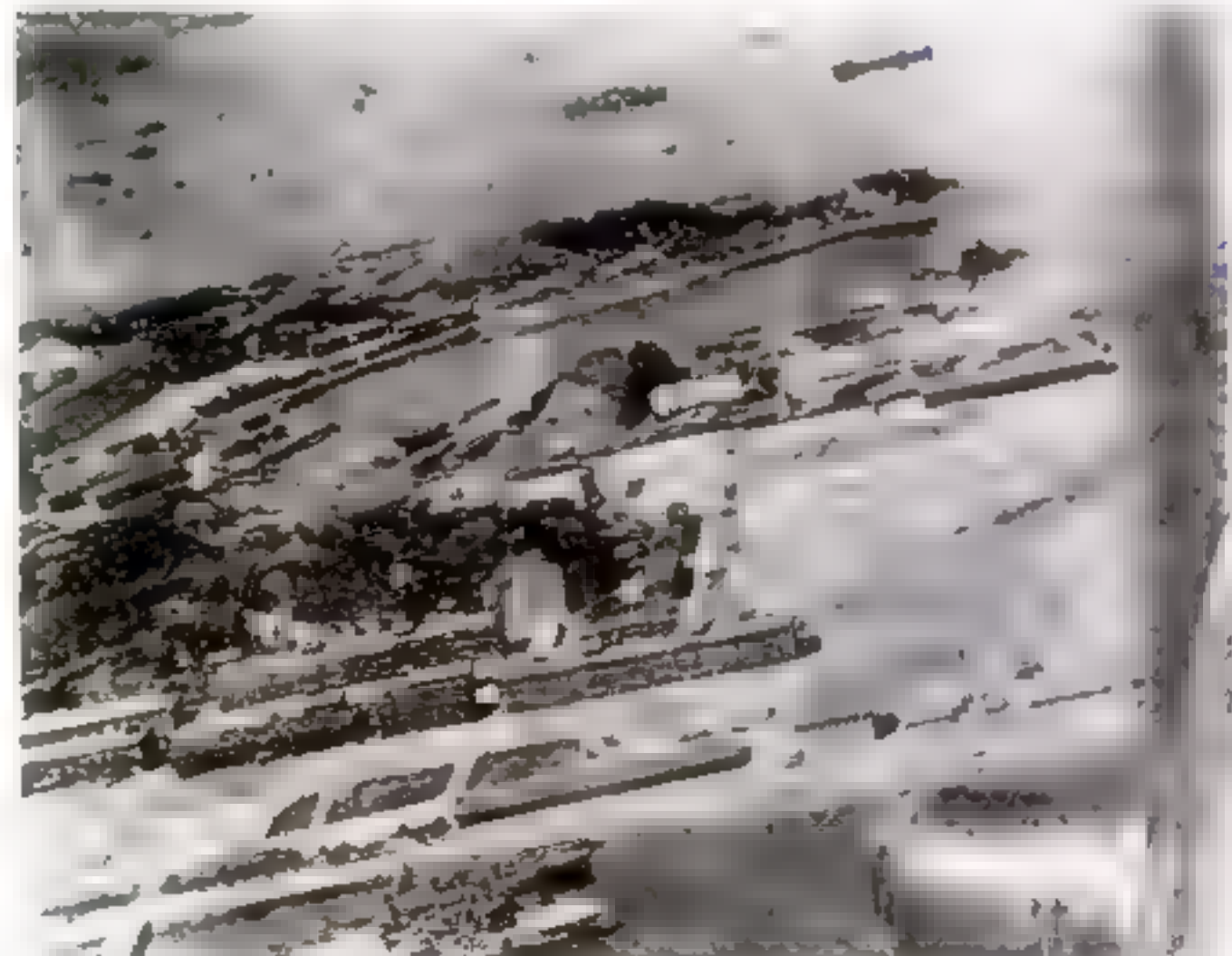
looked back and saw a huge column of oily black smoke standing over the city. Our bombs had started their work.

The flight from Nagoya to the China Coast was made out of sight of land and was uneventful with the exception of sighting six Jap cruisers and having our left engine start acting up. The low cruising r. p. m. cooled the engines excessively, and unless they were speeded up occasionally, they would backfire through the intake and scare us all out of a year's growth. Shortly after leaving the coast of Japan we picked up a terrific tail wind and for the first time since morning knew that we had a chance of seeing the night out. We were all pleased and proud of the success of our bombing but now we were like a bunch of kids for we knew we had a chance to live long enough to tell about it.

Zero-zero weather off China

Just at dark and about one hour off the China Coast we ran into zero-zero weather and went on instruments. I had a little premonition then of what was waiting for us. As we crossed the coast and continued inland the weather got worse with heavy driving rain and zero visibility. I passed the word for everyone to prepare to bail out and got ready myself. At 1920 (Chungking time) Macia estimated that we were over our objective in unoccupied China, and I gave the order to bail out. Everyone went out promptly and with no excitement. I've never been as lonesome in my life as I was when I looked back and found I was all alone in the plane. I trimmed the plane for level flight and slid my seat back to get out. I had a little trouble get-

CONTINUED ON PAGE 37



Close-up of the Yokosuka naval base, as a U. S. Army plane swoops down low over it. In the foreground are two warships and in background several Jap freighters.



Oranges—perfect breakfast fruit. Apples—for salads, sauce, pies. Pears—so good fresh or stewed.



Tomatoes, lettuce and cucumbers for vitamin-laden, health-aiding spring and summer salads...



Carrots, beans, peas, beets and spinach—nutritious and appetizing for luncheon and dinner dishes.



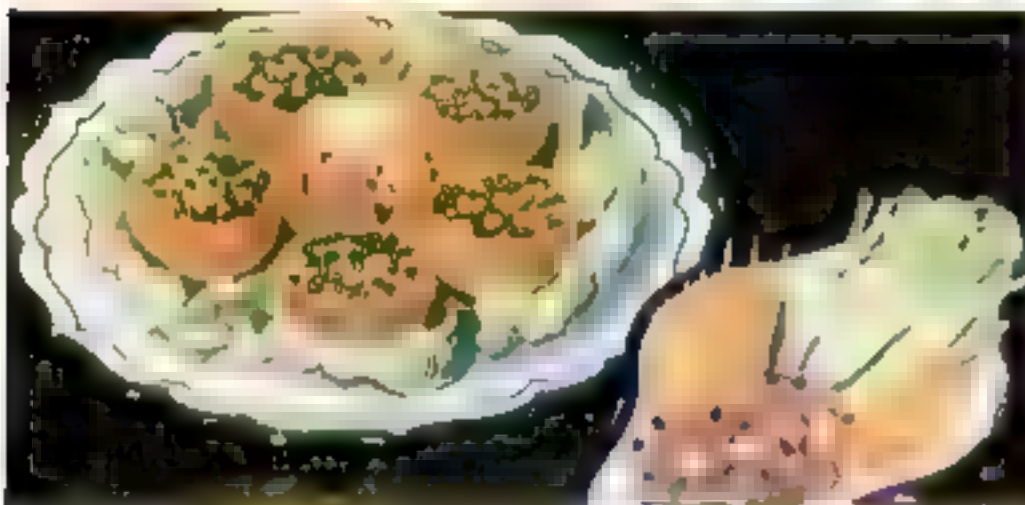
Cabbage, onions, cauliflower and potatoes—needed vegetable accompaniments to your main course.



Strawberries for shortcake—or with cream... and fresh rhubarb for pies and other grand desserts.



Canned Food Problems End Right Here!



"SOME RAW VEGETABLES" every day is the recommendation of nutritionists. And you'll find varieties a-plenty at your A&P Super Market to serve in salads or as vegetable hors d'oeuvres for noon and evening meals.

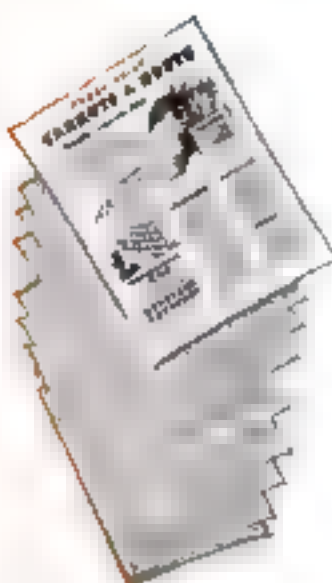


"COOKED VEGETABLES" daily are also recommended for your family for good nutrition. Cooking fresh vegetables is simple!... And canning, preserving and pickling them is not difficult either—assuring an ample winter supply.



"FRUITS EVERY DAY", is the prescription of nutritionists. And your A&P Super Market has an attractive assortment for you to select from. Tempting things to can and preserve, too, for a store of "food for the future".

NEW WARTIME FOOD SERVICE



A&P Super Markets (and A&P Food Stores, too!) offer a helpful wartime service. Periodically they make available to you leaflets on fresh fruit and vegetable cookery... hints on how to save your family's precious ration points... helpful ideas for wartime menus... instructions on home canning, preserving, pickling, jelly making.

This service has been created by the A&P Kitchen to help you with your wartime food problems.

FRESH FRUITS AND VEGETABLES are your ready answer to your canned foods problems. And your A&P Super Market is your best answer to where to get them. "A&P Supers" are veritable "Victory Gardens", offering a never-ending harvest of the season's finest crops from orchards, farms, groves and vineyards. Come in today. And, each time you shop, make your first stop the A&P Super Market Fresh Fruit and Vegetable Department. You'll find a variety of the foods you really need... at prices that are kind to your budget.

A&P SUPER MARKET





How many Mothers are on your list?

THEY'LL ALL LOVE THIS **PYREX** BOWL SET!



For Mother's Day - May 9th!

There isn't a lovely lady on your list, wife, mother, mother-in-law, or grandmother, who won't be delighted with these many-purpose matched Pyrex Bowls! Designed for easy mixing with any type of beater, they fit the hand securely. Can be used for practically everything! Set of 3 bowls; 1, 1½, and 2½ quart; nested...only

95¢

FOR MIXING, BAKING,
SERVING & STORING!

1. Here the large bowl has been used for a juicy lamb pie—the ideal size for mixing the flaky top crust. Small one serves relishes or cucumbers.

SEE HOW MANY WAYS EACH BOWL CAN BE USED!



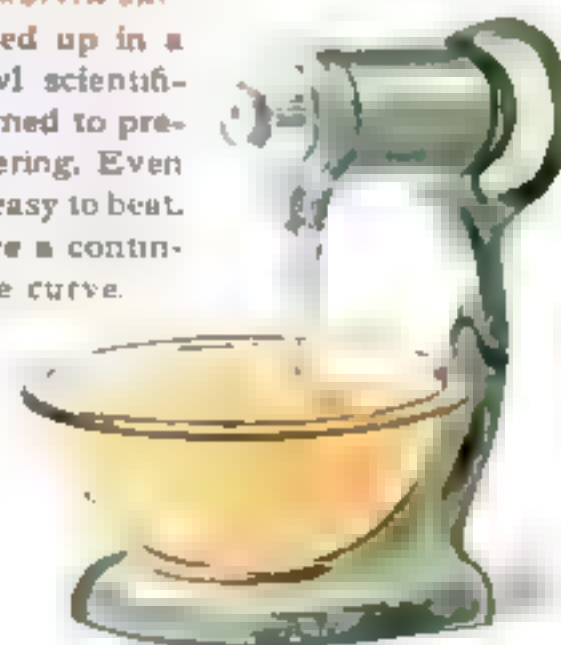
2. A TOSSED VEGETABLE SALAD looks so tempting served in the large bowl. The dressing can be prepared in the small size bowl...and it's easy to pour from any point on the rolled rim.



3. HERE'S A DIFFERENT WAY to cook and serve SPAGHETTI AND MEAT-BALLS. One of these 3 handy bowls will hold the right amount for your family. Leftovers can be stored in your refrigerator and reheated in the same dish!



4. CORN MUFFIN BAY is whipped up in a Pyrex bowl scientifically designed to prevent spattering. Even one egg is easy to beat. Bowls have a continuous inside curve.



5. THEY ARE all 3 nested together to save space in your cupboard. Handy to use. They save time and effort from morn 'til night for the busy housewife. You'll not only want to give them on Mother's Day—you'll want to give a set to yourself!



GET THIS SET AND OTHER
PYREX GIFTS AT YOUR
FAVORITE STORE!

**PYREX OVENWARE
FLAMEWARE**

FOR YOUR OWN PROTECTION
CHOOSE THE SPARKLING
CLEAR DISHES WITH
THE PYREX LABEL



"PYREX" IS A REGISTERED TRADE-MARK OF CORNING GLASS WORKS, CORNING, N. Y.



Injured American flyer, hurt during his parachute jump from an Army plane, is cared for by Chinese. At the left rear is Col. John Hilger, who is author of the story below.

TOKYO RAID (continued)

ting between the armor plate but finally managed it and picked up my musette bag which the other fellows had laid out for me. I sat down on the edge of the escape hatch, leaned over and let go.

At the time I left the airplane it was still running like a clock and we had some 50 gallons of our original gasoline load left. We had been in the air 13 hours and five minutes and flown a distance of almost 2,300 miles. When I pulled the rip cord I thought someone had dropped the ceiling on me. I fought to recover consciousness and when I did I found I had lost my musette bag with all my rations, matches and whisky but still had my gun and canteen full of water. I had a terrific pain in my left groin and soon found that in crawling between the armor plate I had unfastened my right leg strap. As a result I had slipped far down in my harness and the breast snap had socked me under the chin and then hit me in the nose so that I had a bleeding nose along with my other worries.

We had jumped at 8,500 ft. and it must have taken me a minute and a half before I saw what I thought was a hole in the overcast. I steered for it and hit it but instead of a hole it turned out to be a mountain peak. I hit with a terrific wallop and was again knocked colder than a turkey. When I recovered, I found I had torn down two pine trees about two inches in diameter and was lying on a 45° slope with my chute hung in the trees. It was very dark and the rain was pouring down. The wind was blowing quite hard and since I had lost my flashlight, I decided to stay right where I was for the night.

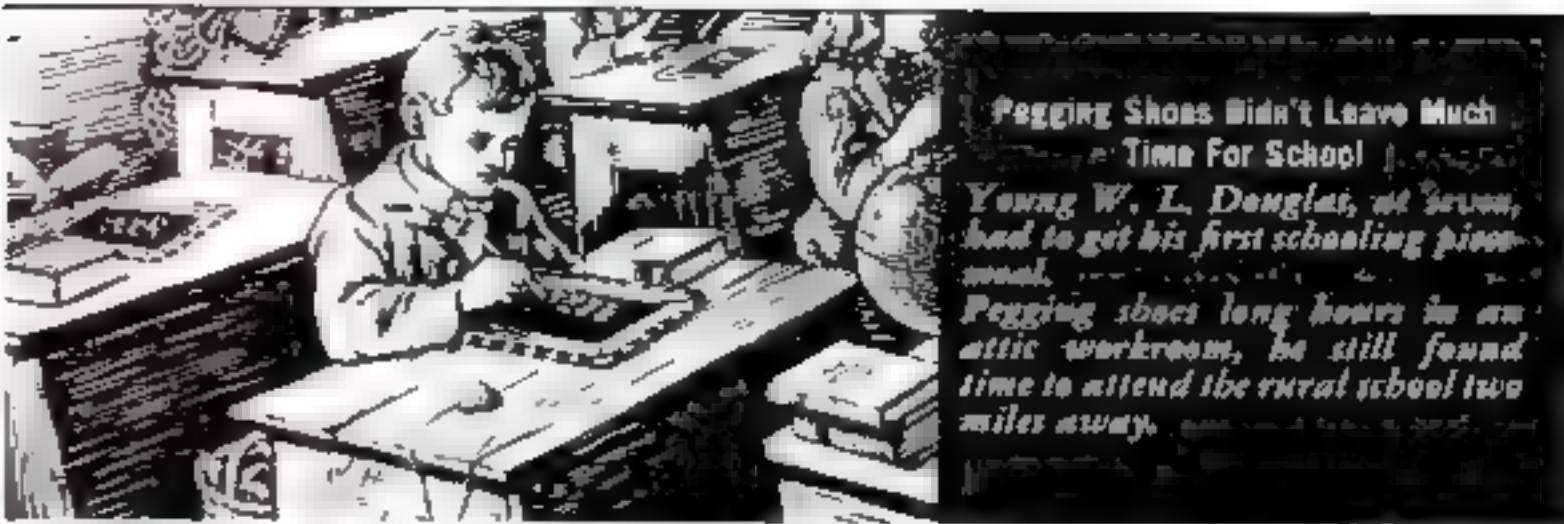
Although my left wrist and hand was badly sprained and my back was wrenched, I managed to cut my chute down and crawl to a small shelf above me on the slope. I made a tent of part of my chute by spreading it over two bushes and rolled up in the rest of it and went to sleep.

Sunday, April 19, 1942

I spent a horrible night last night. I waked up when the wind died down and could hear what sounded like surf on three sides of me. That meant the other four fellows were out in the ocean. The last thing I had seen on leaving the airplane was two life jackers near the hatch. This thought kept me awake all night and it was not until more than an hour after daylight when the fog cleared that I discovered a beautiful flat valley below me and a tumbling mountain stream on either side, that had given the illusion of surf. Columbus was never happier with a discovery than I was at that moment.

There was a small Chinese village in the valley just at the foot of the peak on which I had landed and as I started toward it the villagers saw my parachute and started up the mountain. I did not know exactly where I was but hoped that I was not in occupied territory. When I met the villagers, I found myself among the people Pearl Buck writes about. The leader of the villagers was a story-book character with long black robe, stringy beard and mustache and a black skull cap. They did not know who I was but their smiles told me

CONTINUED ON NEXT PAGE



Pegging Shoes Didn't Leave Much Time For School
Young W. L. Douglas, at seven, had to get his first schooling piecemeal. Pegging shoes long hours in an attic workroom, he still found time to attend the rural school two miles away.

THERE'S A LIFETIME OF "KNOWING HOW" IN EVERY PAIR

Maybe you've wondered what makes W. L. Douglas Shoes so uniformly good—so satisfying—wondered just exactly what the difference is. It's simply that W. L. Douglas Shoes are made today as young Douglas learned how to make them. He learned thoroughness, precision, painstaking care. He learned how to make great shoes, and we have never unlearned his lessons.

\$6.50 - \$8.50

Other styles \$5.50
Douglas "Down-to-the-Wood" construction assures better fit.



THE BEACON
An all-season style in this rich tan oxford with the ever popular moccasin toe. Rubber sole and heel. No. 4955

THE CROMWELL
Straight-upped oxford with the famous Douglas Arch construction. Tan calf uppers take a brilliant shine. No. 4528
Listen to John Stanley on Mutual Network—Sunday 10:30 P. M.

W. L. Douglas Shoes
W. L. DOUGLAS SHOE CO., BROCKTON, MASS.
Stores in Principal Cities—Good Dealers Everywhere
BUY U. S. WAR BONDS AND STAMPS FOR VICTORY!



JOIN the world-wide company of gentlemen who enjoy Aqua Velva after shaving. You'll find it cool as sea spray—bracing and invigorating. Leaves the skin feeling softer, smoother. Clean, fresh scent. It's the world's most popular after-shave lotion!

Avoid waste. War shortages have reduced the supply of Aqua Velva... and there's nothing that can quite take its place. So use it carefully—and you'll be able to enjoy it regularly!



- A FEW OF THE MEMBERS**
- SIR CEDRIC HARDWICKE
 - JOHN ERSKINE
 - JAMES THURBER
 - C. AUBREY SMITH
 - ALBERT SPALDING
 - GEORGE BIDDLE
 - MAJ. GEORGE FIELDING ELIOT



**No finer fit
at any price**

BESTFORM BRASSIERES
79¢
BESTFORM FOUNDATIONS
\$2.50 to \$6.50

BESTFORM
means best form.

**New Curity HANDI-TAPE with
SULFATHIAZOLE**
brings you new protection for home first aid



A new standard in home first aid protection comes to you now in Curity SULFA-thia-zole HANDI-TAPE. The same SULFA-compound used by the Army to fight battlefield infection helps you now to fight possible infection of the minor cuts, blisters, and abrasions that occur in your own home.

This improved Curity instant bandage has all the familiar convenience you've always liked in HANDI-TAPE...the washable Wet-Pruf adhesive tape...the gauze pad with no raw

edges...the firm, lasting grip...and now, added to these is the modern protection of SULFATHIAZOLE in the identifying yellow gauze pad.

Don't be content with ordinary bandages when you can have the extra protection of Curity SULFA-thia-zole HANDI-TAPE. Buy the easily identified yellow and blue package at your drug-store today.



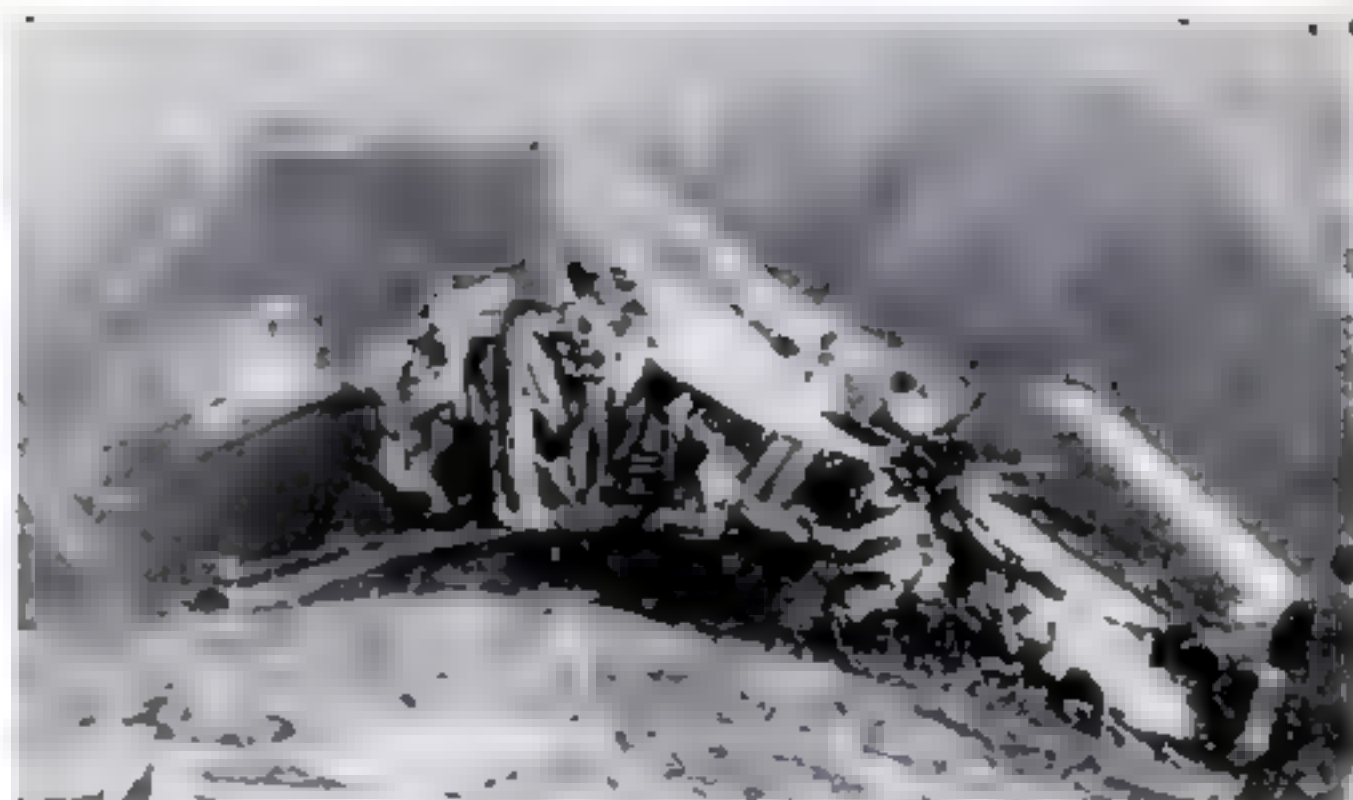
Buy War
Bonds and
Stamps

Curity
SULFA-thia-zole
HANDI-TAPE

BAUER & BLACK

Division of The Kendall Company • Chicago

Not for sale in Pennsylvania



Doolittle's plane lies, a heap of wreckage, on Chinese mountainside. When this plane, like most of the others, ran out of gasoline in a storm, the fliers parachuted to safety.

TOKYO RAID (continued)

that I was among friends and welcome. I found out that afternoon that I was the only white man they had ever seen.

I had landed in the China of a thousand years ago and the farmers in the valley were plowing their fields with wooden ploughs drawn by water buffalo. They wore the same cone-shaped straw hats and palm-fiber raincoats which their ancestors have worn for hundreds of years. They offered me food but I refused as politely as I could and tried to let them know I wanted to get to a train or telephone. After much picture drawing and sign language and sound effects, one Chinese boy got the idea and set out with me to get to a telephone. Every mile or so we would pass a small village and he would proudly exhibit me to his friends. At every stop they offered me tea and food and their hot tea kept me going.

Facing Chinese machine guns

We had hit a road about ten feet wide by this time and I was just about all in when an antiquated truck, loaded with soldiers, came around a bend in the road. They were out looking for Jap parachutists and jumped out of the truck when they saw us, with their machine guns aimed straight at me. My poor guide jumped in front of me and started jabbering excitedly trying to tell them who I was and all the time the whole truck load of soldiers were jabbering for him to get out of the way. I'm sure he felt that he didn't have long to live but was going to try to save me nevertheless. Finally one of their officers recognized my insignia and my troubles were over. I told them by pictures and signs where the rest of my crew should be and they organized searching parties and then started me toward their barracks. The barracks were twelve miles from where I had landed.

After resting at the barracks for a while and eating some of their native pastry (which I discovered later was made of dog meat, flour and fat) we started for a walled village about ten miles distant. Because I was injured they insisted that I ride in a rickshaw. The streets were of rough cobblestone and at every jolt I felt as if I were about to shake a lung loose.

It was the kind of Chinese city I had read about but never really believed in. More than 2,500 years old, it has a high wall about the entire city with towering pagodas at the entry gates. The streets were about 8 ft. wide and paved with cobblestones worn smooth by centuries of bare feet. Just outside the city I had met Sims, my copilot, Macia and Sergeant Eierman, and the officials now proceeded to have an impromptu parade. They regarded us as heroes and word had spread via the grapevine so that the entire town had turned out. We ended up at the magistrate's quarters, and after cleaning up they took us to our sleeping quarters. The bed was made of woven rope springs with a straw mat for a mattress, but I think it was the best I have ever slept on. About 6 that evening they waked us and brought the evening meal. It was fried eggs, a meat-and-vegetable dish similar to chow mein and rice. We had constantly at hand drinks made of boiling water, canned milk and sugar. My back and hand were still giving me a lot of trouble and even though I couldn't sit up or lie down unassisted I still got a good night's sleep on the straw pad. All of us went to sleep that night with a lot of respect for the Chinese people. Their honesty, willingness to help and hospitality were unequalled by anything we have ever seen.

Monday, April 20, 1942

Sergeant Bain came in during the night and we all feel better now because our crew is complete. We had eggs again for breakfast and

CONTINUE ON PAGE 10



Already in some crowded defense areas, more new babies are arriving than the hospitals can accommodate. All over the country there are fewer doctors and nurses.

BABIES WITHOUT HOSPITALS?

IF you are having a baby in 1943—are you prepared for the seriously restricted hospital and nursing facilities of wartime?

Have you planned how you will protect your own health? And how you will give your baby the essential early care he needs for healthy development?

If you have to have your baby at home as your grandmother did . . . if you have to care for it yourself—here are five basic things you need to know.

5 Basic Things you will want to do

1. Have supplies ready for an emergency . . . to use if you are unable to get admission to a hospital; in case of early or premature delivery or illness.

2. For 2-3 weeks after your baby is born get the maximum amount of rest possible. Your body *must* have time to get back to normal. If you cannot stay in the hospital and extra help at home is not available—plan to “let things go.” Housework, your family, and visitors, no matter how well loved, are secondary in importance to your body’s need for rest.

3. Food is your baby’s first need. Your doctor will decide whether you can nurse him, whether he must be bottle-fed or partly nursed and partly bottle-fed. In any case you will need to know the hygienic procedure to be followed. The properly fed baby is far less likely to require a doctor’s care. Because of the shortage of medical service today, this is more important than ever.

4. The doctor will see that everyone who enters the room during your delivery wears a mask to protect you and your baby from infection. Later you will wear a mask whenever you nurse or do anything for your baby—if you have a cold. No one with any kind of nasal infection should be allowed to come into the room with your baby.

5. Plan your baby’s day. Find the best routine for your baby—he will probably be happier if you establish regular habits . . . first for bathing, eating and sleeping—later, when he begins to sit up, you will want to start training him in regular bathroom habits. The less nursing and domestic help you can count on, the more imperative it is for you to stick to a health-saving, time-saving schedule.



Write for Authentic Instructions

For simple, complete instructions on each of your five basic needs write for the 32-page booklet: *Helpful War-time Suggestions on Mother and Baby Care . . . How to Prepare Your Room and Supplies for Emergency Use, Rest After the Baby Is Born, Health Advantages of Nursing Your Baby, Prevention of Respiratory Infection by the Mask, Time-Saving Schedules, Teaching Bathroom Habits.* Address the Scott Paper Co., Dept. 11, Chester, Pa.



Inexpensive, Disposable Masks of Tissue

In a few seconds you can make a mask for emergency use, if the kind advised by your physician is not on hand. Simply cover the nose and mouth with two thicknesses of ScotTissue and secure with an ordinary pin at the back of the hair. Clinical tests show ScotTissue effectively lessens the danger of germ transference. *Throw away after using.*

An ordinary cold passed on to a baby may develop into pneumonia or a serious ear in-

fection. Help protect him. Refuse to let anyone with a cold enter your baby’s room. If this is impossible, insist on a protective mask.

For bathroom training the toilet tissue should be correctly chosen. It should be *soft* enough for comfort, *strong* enough for thorough cleansing. ScotTissue meets these requirements. It is also an economical tissue for the whole family—1000 full-sized sheets to a roll.

Insofar as the war effort permits, ScotTissue will be kept available for all American homes . . . the Scott name will continue to assure the highest standards of quality.

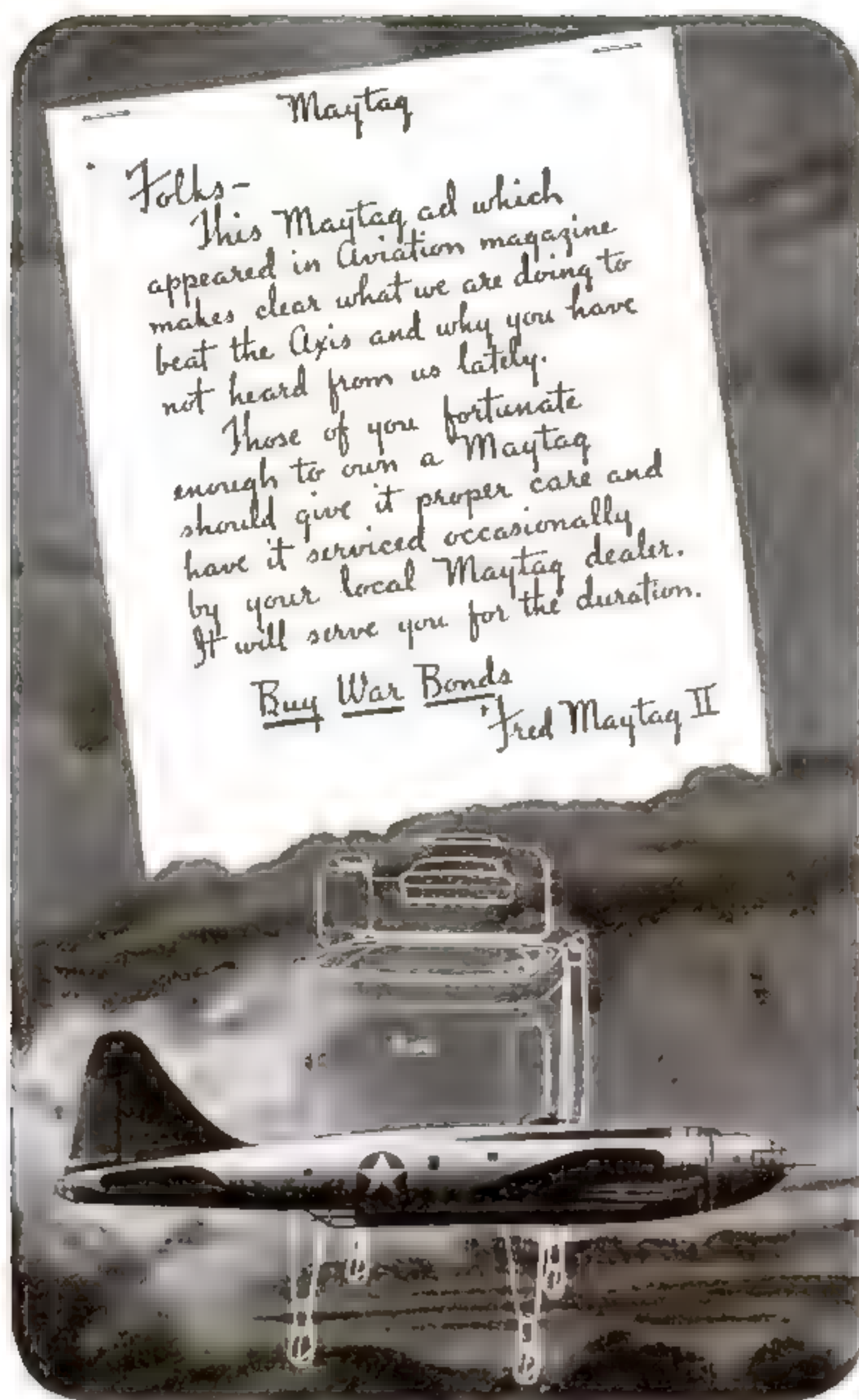
ScotTissue



By government order, all toilet tissue rolls are now flattened to save shipping space. When you get your ScotTissue roll, just press it firmly and restore roll to original round shape.

Trademark “ScotTissue” Reg. U. S. Pat. Off.

Toilet Tissue is a Simple Essential upon which American Plumbing and therefore Public Health Depend



From washing machines to precision aircraft parts

Again proving it's Maytag "Know How" that counts

For nearly half a century Maytag has been a household word. To millions it stands for world leadership in domestic washing machines. When America called for war production, long before Pearl Harbor, Maytag enlisted and asked for tough and exacting assignments. One such assignment was the manufacture of hydraulic cylinders for combat aircraft. The rest of the story is quite typical of American productive genius. By dint of hard work, long hours, and engineering skill, Maytag has

redesigned, simplified, and speeded up the building of these devices. For twenty years Maytag has held world leadership among washing machine manufacturers. It is typical of Maytag "Know How" and perhaps symbolic of their washers of the future, that in a few short months Maytag has been able to attain an outstanding position in the field of hydraulics.

Maytag

1893 - For Half a Century - 1943

- Hydraulic Actuating Cylinders for Aircraft
- Heat Treated Aluminum Aircraft Castings
- Electric Actuating Devices for Aircraft

THE MAYTAG COMPANY, NEWTON, IOWA

TOKYO RAID (continued)

then another parade through the streets. We started by motor to call on the Commanding General of the 3rd War Zone at about 10 in the morning.

After spending a day at military headquarters and having two good meals and meeting many fine Chinese officers we finally got aboard a train for the city where we were scheduled to meet the rest of our outfit. The train was slow and rattled and jerked but we all agreed it was the finest night's sleep we had ever had.

We arrived about daybreak and were immediately whisked out to the quarters near the airport where our gang was to stay. I was never so glad to see anyone in my life as I was to see Jones, Greening, Bower and all their crew members. It was like a homecoming and we were all as happy as kids. There's nothing like a familiar face in a foreign country.

Monday, April 27, 1942

On Sunday, Colonel Doolittle and his gang arrived. They were all in good shape and were as glad to see us as we were to see them. They make 56 men accounted for. Not one plane was shot down in Japan and all were flown to their approximate destination except one which went to Siberia. We hear that crew has been interned.

(Last week the War Department announced that of the 80 U. S. fliers taking part in the raid, 64 returned safely, one was killed, two are missing, five are interned in Russia, and eight were taken prisoners by the Japanese in occupied China. Of these eight, some have been executed. All but one of the planes cracked up.—ED.)

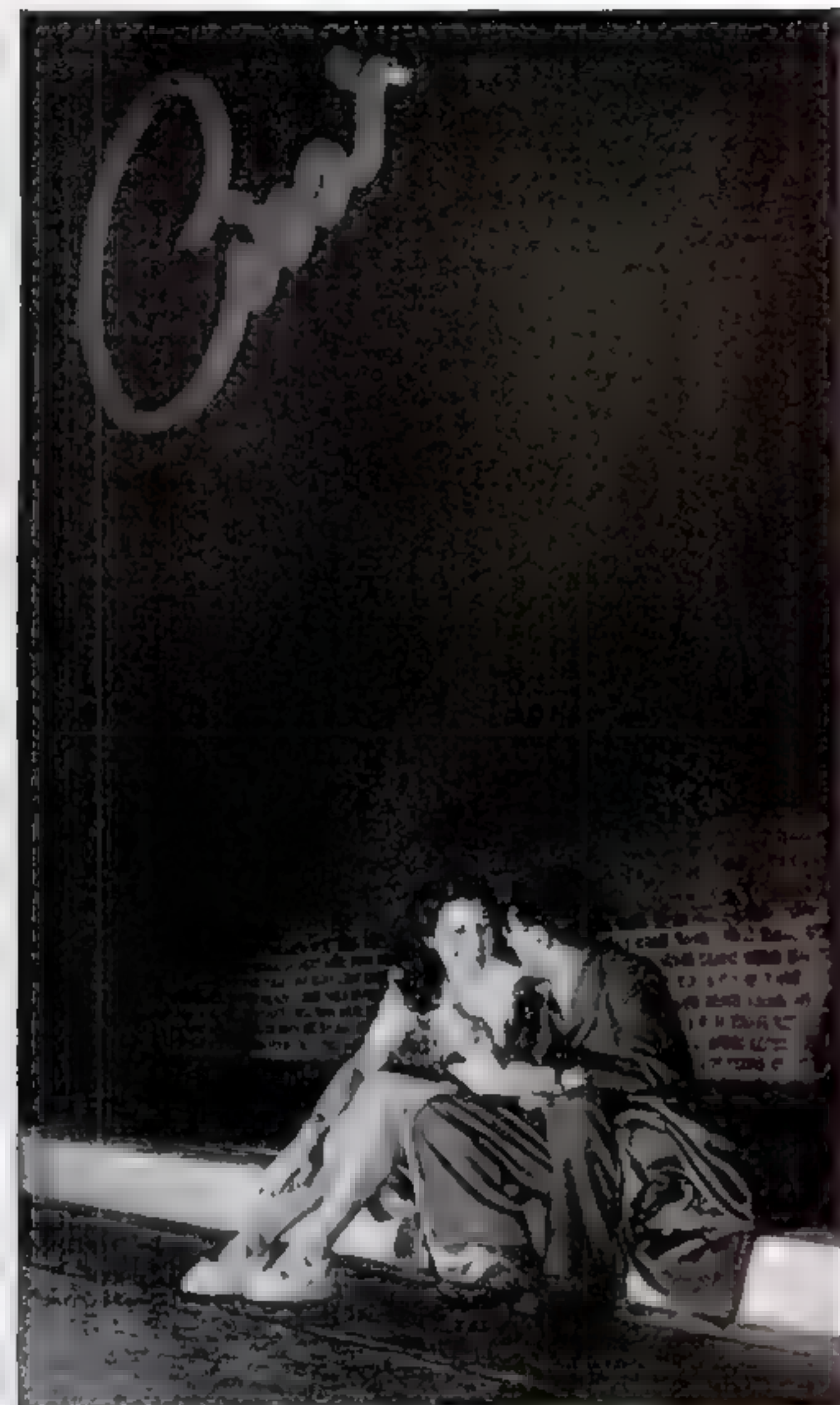
The incoming crews bring stories of successful attacks against all the targets. Great damage has been done to their manufacturing plants and oil-storage depots. McElroy, single-handed, made a shambles of the Yokosuka Naval Yard. That will hurt them. All our bombs worked perfectly and we understand that the five principal cities of Japan, Tokyo, Yokohama, Nagoya, Osaka and Kobe, burned for two days. As a result of our bombing we hear that they relieved all the high ranking officers of the aircraft warning service and demanded a reorganization of the air force.

Sunday, May 3, 1942

Today we finally arrived in Chungking. After eating the best lunch we have had in China, General Bissel read congratulatory messages to us from the President, General Marshall and General Arnold. He then read a citation from the President and presented each of us with the Distinguished Flying Cross. We learned also that the Colonel has been promoted. We're all as happy as if each one of us had been made a general too.



A huge air-raid shelter, carved out of the side of a mountain, shelters the Doolittle raiders from Japanese air attacks. For ten days after the Tokyo raid the fliers lived here.

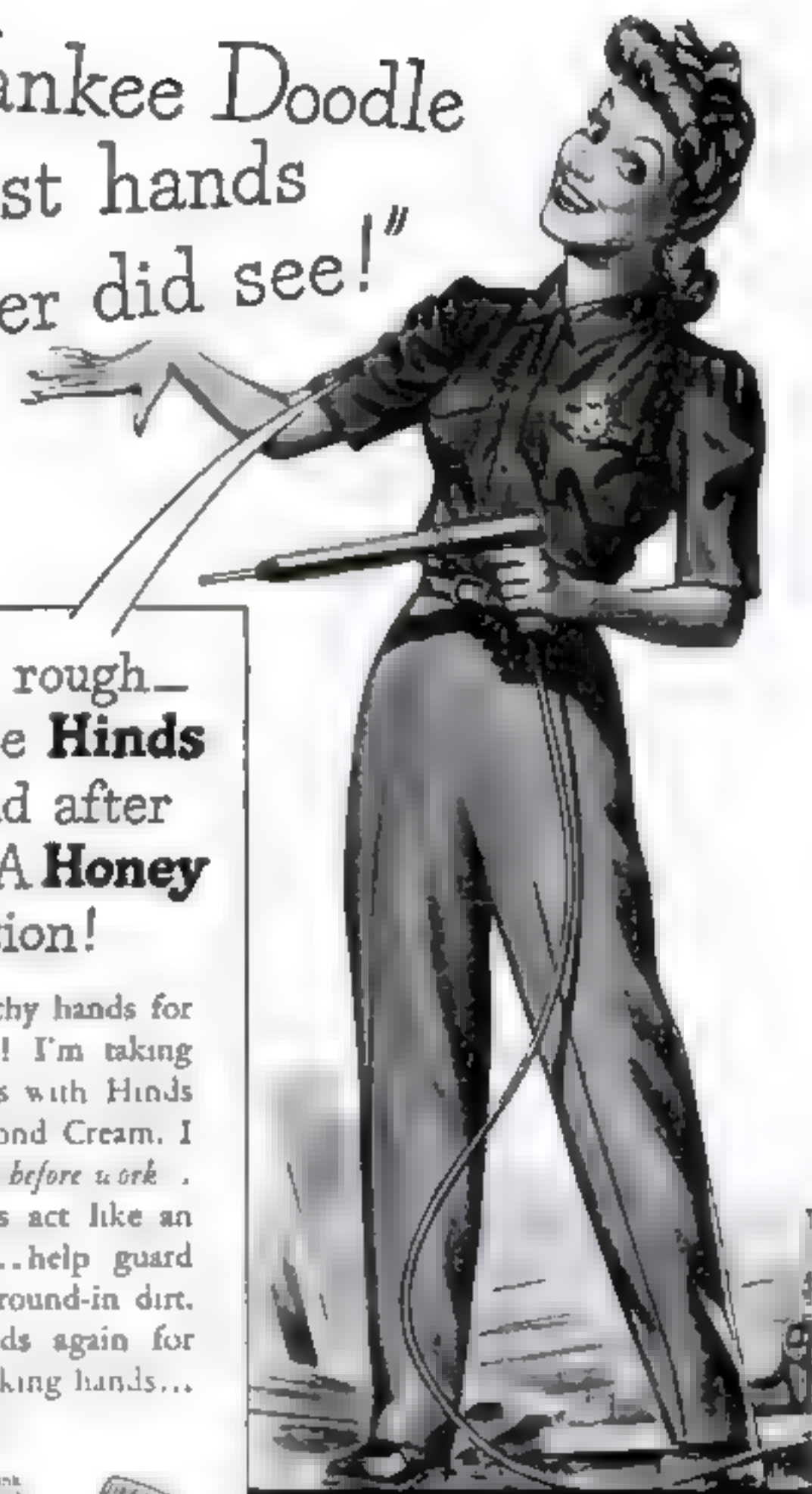


"Hollywood after dark: The night shift has gone home, Clio's has closed, as I sit and talk with Iris Bynum, a Hollywood starlet. Iris tells me what happened at 'Wolf Corner' and a look at Iris will convince you she knows what the wolves are howling."



"There comes a time when I have to sit down and write the column. I usually write in any office in any studio where I happen to be visiting. The movie celebrities have finished their work but now my work just begins. Writing is a very lonely job."

"The Yankee Doodle
dandiest hands
he ever did see!"



Not a bit rough—
'cause I use **Hinds**
before and after
war work. A **Honey**
of a lotion!

● No red, scratchy hands for this little riveter! I'm taking care of my hands with Hinds Honey and Almond Cream. I always use Hinds *before work*—its skin softeners act like an invisible glove...help guard against drying, ground-in dirt. *After work*, Hinds again for softer, whiter-looking hands... all set for loving!

COPYRIGHT 1945, by Talcott & Pink Products Corp., Hightstown, N. J.



BEFORE WORK—housework or factory work—use Hinds Tests prove grease and grime wash off faster, hands come out cleaner. Hinds skin softeners actually help guard your skin against drying, ground-in dirt.

AFTER WORK—Hinds again! Extra-creamy, extra-softening. Even one application gives red, chapped skin a softer, whiter look, a comfy feel. It *benefits* skin abused by work or weather.

AT TOILET GOODS COUNTERS

Buy War Savings Bonds and Stamps!



He's a man
after my own hands—
they're smooth as
a kitten's ear!

HINDS for HANDS
and wherever skin needs softening!

STYLE AND BEAUTY FOR NEARLY A HUNDRED YEARS!

Almost a century of fine ringmaking is behind the creation of today's Art-Carved rings by Wood... your assurance of quality, beauty, design and guaranteed diamond value. A complete selection awaits you at better jewelers.

Art-carved

Rings Styled by WOOD

A SYMBOL OF QUALITY FOR NEARLY
A CENTURY—1858-1943

J. R. WOOD & SONS, Inc.

216 East 45th Street, New York City

Manufacturers and Diamond Importers

Send for your copy
of our new brochure
"The Bride's
Silent Secretary"



Remember—
The most important
purchase today is
U. S. War Bonds.

Prepared for Anything!



BUY
MORE
BONDS

BODYGARD UNDERWEAR

At the Nation's Service for 3 generations

To the superior equipment of America's fighting men, the nine Mills of the Utica Knitting Co. are proud to be able to contribute the major part of their underwear production.

UTICA KNITTING COMPANY

UTICA, N. Y.



PICTURES TO THE EDITORS

FRUITFUL LAND

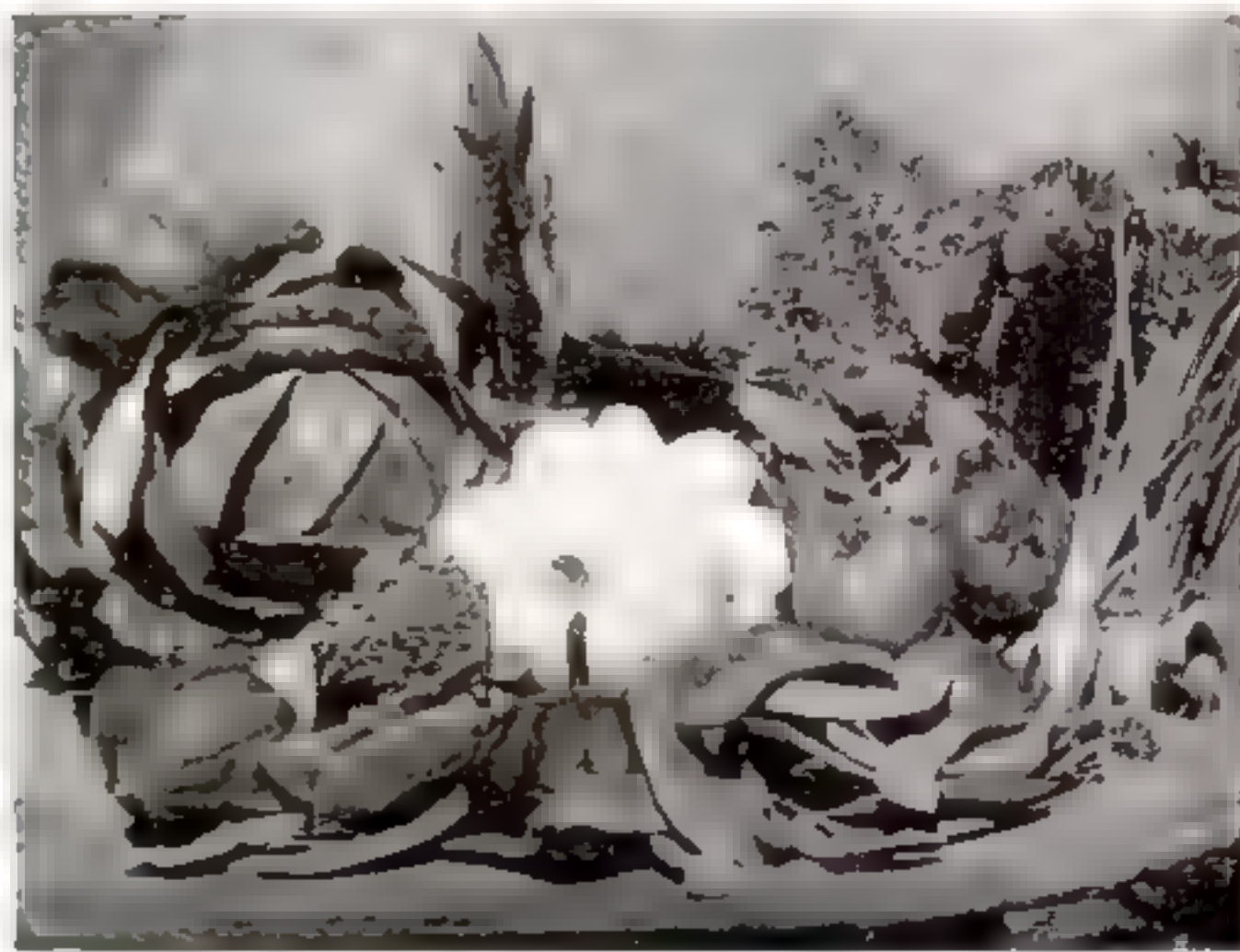
Srs

Your article on Victory Gardens (LIFE, March 5) makes it sound like a cinch. But when my husband and I set out to make our acre of wooded ground (below top) fruitful, it was four months before we could harvest anything but

stumps and stones. To others who might now be discouraged, we point with pride to the ultimate result: orderly rows of growing edibles and (bottom) handsome specimens of corn, cabbage, squash, broccoli, beans, tomatoes, carrots and beet greens.

BETTY POPKEN

West Nyack, N. Y.



USE **FRENCH'S**
WORCESTERSHIRE?

YOU BET WE DO!

IT'S TOP-NOTCH
QUALITY AT HALF
THE PRICE!

Makes wartime
meat dishes
taste delicious

Try this new recipe! Shape
chopped raw meat into pat-
ties. Then *pour*—and we
mean that literally—French's
Worcestershire over the
meat. Allow the sauce to sink
well into meat, then place
on griddle, and cook as you
would hamburger. Delecta-
ble, delicious—a wonderful
way to step up the flavor
of wartime meat cuts.

Buy still **MORE** war bonds

How to KEEP AWAKE ON THE "GRAVEYARD SHIFT"

Thousands of Americans
behind desks, driving
cars, on production lines,
use NoDoz Awakeners
to keep awake, alert and
more efficient. When the
going gets tough and you
have a job to do—don't
take a chance...TAKE A
NODOZ AWAKENER!

NODOZ
AWAKENERS
KEEP
AWAKE!

AT YOUR
DRUGGIST
25¢

Convenient, easy-
to-take tablets!

Over 50,000,000 NoDoz Awakeners have
been used since 1933!

SPECIAL OFFER: For trial-size package, send 10¢
to NoDoz Awakeners, Richfield Bldg., Oakland,
California, Dept. F-1. Not good after May 31, 1943.

Royalton
QUALITY
PIPES

Tops in smoking pleasure

PICTURES TO THE EDITORS

(continued)

DENTIST'S HOBBY

Sirs:

Here are three figurines—Willy the
Welder, Rosy the Riveter and Wanda the
Wage—made by Dr. Bernie Cooper, a
Cleveland dentist. He works with bits of
metal junk, wood and plastics, has pre-
pared patterns and instruction sheets for
those who might like to try his interest-
ing hobby.

ARTHUR L. LAUFMAN

Cleveland, Ohio



Bait your hook for a blissful
experience—and load your pipe
with Briggs! You'll reap the glori-
ous harvest of richness that comes
of Briggs' choice tobaccos being
cask-mellowed for years—longer
than many expensive blends.
When Briggs' tender, full-bodied
smoke wafts past your lips, every
wisp delivers a treasure of flavor.
Fall in love with your pipe in ear-
nest—fill it with Briggs today!



BRIGGS
The Smoke with
a Smile

PRODUCT OF P. LOBILLARD COMPANY

Mineral oil users!



Many druggists are
now offering NUJOL at
only 69 cents a quart
instead of 89 cents!
This offer is good dur-
ing April and May. Buy
today... save 20 cents
on every bottle!

Copy, 1942, Statco Incorporated

THE MARCH OF TIME ON THE AIR

Every Thursday from 10:30 to 11:00 p.m. E.W.T.

Over 53 Stations of the N.B.C. Network

**NOW YOU
SEE 'EM!**



**NOW YOU
DON'T!**



**Astonishing new Furniture Polish
makes scratches vanish like MAGIC!**

Tables, chairs, beds, radio cabinets, bureaus—all your furniture in every room—just touch them up with "Old English Scratch Removing Polish," and see a double miracle performed before your astonished eyes!

Old-looking, dull, dingy pieces,

sparkle and shine like new. And as you polish, ugly scratches amazingly disappear.

Get Old English Scratch Removing Polish at grocery, hardware, drug, department and 10¢ stores. Only 25¢ a bottle—and the beauty it brings is priceless!



**Old English
SCRATCH REMOVING POLISH**

25¢

**TEETHING PAINS
RELIEVED
QUICKLY**



WHEN your baby suffers from teething pains, just rub a few drops of Dr. Hand's Teething Lotion on the sore, tender, little gums and the pain will be relieved promptly.

Dr. Hand's Teething Lotion is the prescription of a famous baby specialist and has been used by mothers for over fifty years. One bottle is usually enough for one baby for the entire teething period. Buy it from your druggist today

**DR. HAND'S
TEETHING LOTION**
Just rub it on the gums

Spotless
HANDKERCHIEF TEST PROVES VITAL ZONE

HESSON GUARD
NO MILANO \$1

STOP GOO

IT'S CUSHION SEALED
NO GOO CAN PASS
HESSON GUARD

NO MATTER HOW OFTEN YOU SMOKE IT

**LOVELY
LEG MAKE-UP
IN A FEW SECONDS**

Thanks to research, there's a new leg make-up that goes on evenly, smoothly, quickly. No grief, no annoying failures, once you've tried it. It's the new ARMAND Leg Make-up. Unbelievably flattering—economical, too. Doesn't rub off.



TWO TYPES
HOMOGENIZED LIQUID
and CREAM

ARMAND

**Marlin
BLADES**

BOUND FOR BURMA
Because MARLIN BLADES are popular in the armed forces—make yours last longer!

THE MARLIN FIREARMS CO.

PICTURES TO THE EDITORS

(continued)

NIGHT FLIGHT

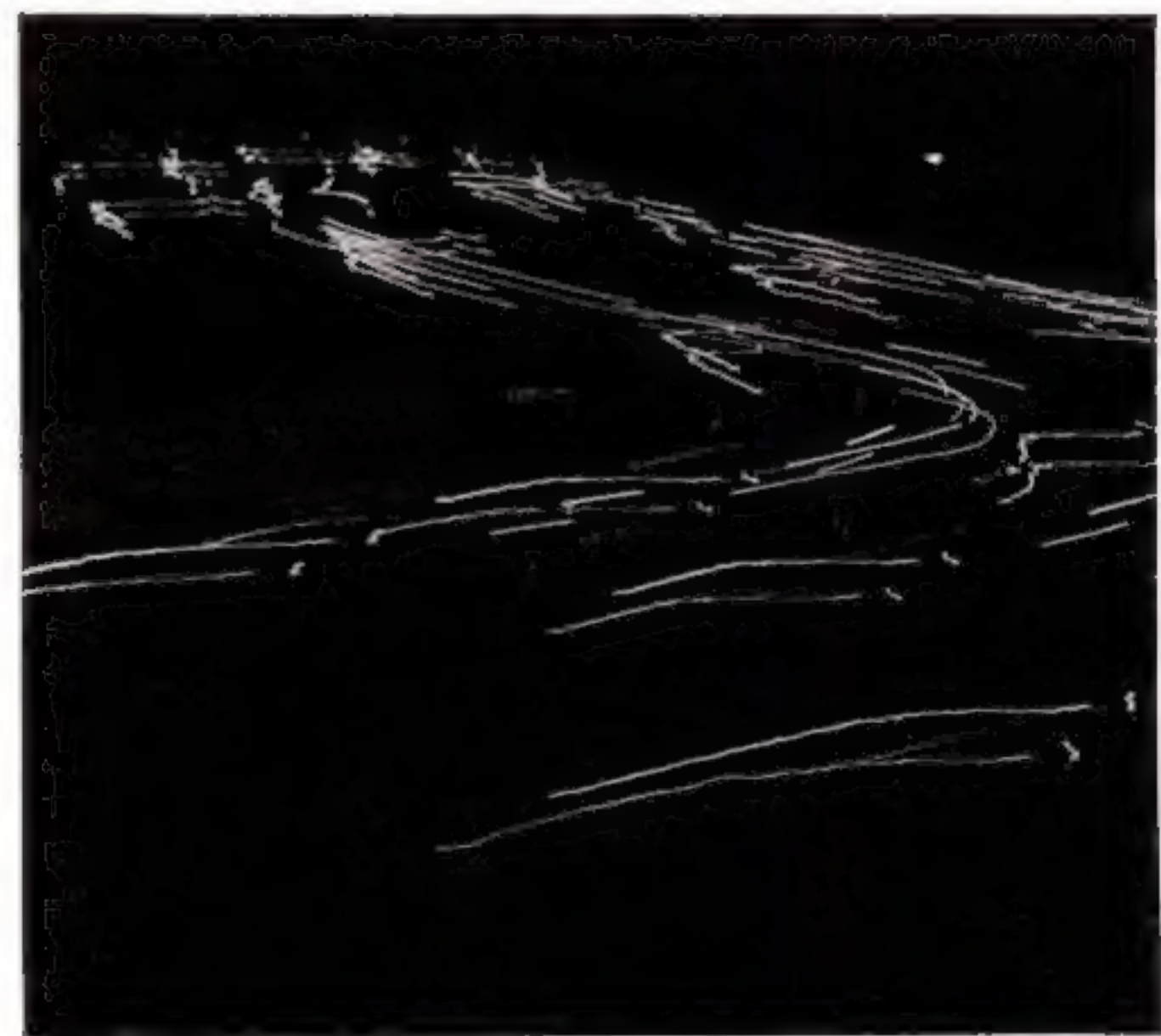
Sirs:

These pictures show the dramatic effects that can be caught by the camera over an airfield at night. Taken at Corpus Christi, the tremendous naval air training station in Texas (LIFE, April 19), the top one shows officers and men directing land-

ings with a portable control tower. Below, the lights on taxiing planes make a weird design as they move out for take-offs.

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New York, N. Y.



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Pot Luck, 1943

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1943 Today the pause that refreshes with ice-cold Coca-Cola is a standby of men in the Army, Navy and Marine Corps—and a standby of the great army of men and women war workers. Every time you enjoy a Coke it tells you all over again what it means to morale.



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